ENVIRONMENTAL EMI / RFI BACKSHELL

Both individual and overall shieldings can be terminated in this type in addition to the cable sealing as possible in the Environmental Backshell. It is an ideal choice for heavy duty cabling solutions in harsh environment situations where electromagnetic and radio frequency noises are to be isolated.

For Connector Group	Page No.
J	IV-1 - IV-8
K	IV-9 - IV-13
L	IV-14 - IV-20
M	IV-21 - IV-26
N	IV-27 - IV-32

Note: For Connector group Identification refer Table 1 - A, B, C, D (Page 7-11) and for Material / Plating Finish, Refer Table-2 (Page 12)

email: sales@backshellworld.com
www.backshellworld.com

Connector Group - J

Straight

Amphenol Part Number

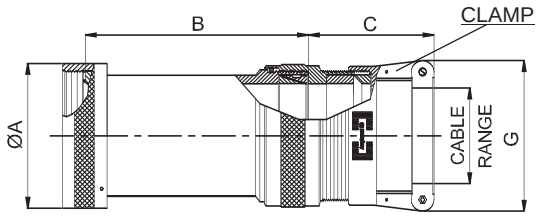
BV1 S X J 99 99 9 X X

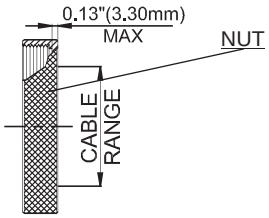
- Series
- Angle: S: straight
- Coupling: R: spin, D: direct
- Connector group
- Shell size: See Table-A
- Entry size: See Table-A
- Length: See Table-A
- End clamp: C: clamp, N: nut
- Finish: see Table-2

MIL Part Number

M85049 / 99 9 X

- MIL Series
- Slash sheet: 10: Straight, spin coupling
- Dash Number: See Table-A
- Finish: See Table-2





NOTE: **** For more cable entry and length options, contact factory***

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
													MIN		MAX	
SHELL SIZE	ENTRY SIZE	LENGTH	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	1	5	8	0.62	15.67	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.25	6.35
		2	6		0.62	15.67	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.25	6.35
	02	1	7*		0.62	15.67	2.88	73.15	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
		2	8*		0.62	15.67	3.88	98.55	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
10	01	1	9	10	0.73	18.64	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
		2	10		0.73	18.64	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	02	1	11*		0.73	18.64	2.88	73.15	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
		2	12*		0.73	18.64	3.88	98.55	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	03	1	136		0.73	18.64	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.38	9.53
		2	137		0.73	18.64	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.38	9.53
12	01	1	13	7/12	0.86	21.79	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
		2	14		0.86	21.79	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	02	1	15*		0.86	21.79	2.88	73.15	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
		2	16*		0.86	21.79	3.88	98.55	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	03	1	111		0.86	21.79	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.50	12.70
	04	1	114		0.86	21.79	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
		2	115		0.86	21.79	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	05	1	138		0.86	21.79	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.50	12.70
		2	139		0.86	21.79	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.50	12.70

Table Continued

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
													MIN		MAX	
SHELL SIZE	ENTRY SIZE	LENGTH	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
14	01	1	17	12/14	0.98	24.99	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.58	14.61
		2	18		0.98	24.99	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.58	14.61
	02	1	19*		0.98	24.99	2.88	73.15	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
		2	20*		0.98	24.99	3.88	98.55	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	03	1	116		0.98	24.99	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
		2	117		0.98	24.99	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	04	1	150		0.98	24.99	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
		2	151		0.98	24.99	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
16	01	1	21	19/16	1.11	28.24	2.13	54.10	1.92	48.67	1.55	39.40	0.50	12.70	0.70	17.78
		2	22		1.11	28.24	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.70	17.78
	02	1	23*		1.11	28.24	2.88	73.15	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
		2	24*		1.11	28.24	3.88	98.55	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	03	1	112		1.11	28.24	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
		2	113		1.11	28.24	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	04	1	118		1.11	28.24	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
		2	119		1.11	28.24	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	05	1	152		1.11	28.24	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
		2	153		1.11	28.24	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
18	01	1	25	27/18	1.22	30.94	2.13	54.10	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
		2	26		1.22	30.94	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	02	1	27		1.22	30.94	2.13	54.10	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
		2	28		1.22	30.94	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	03	1	29*		1.22	30.94	2.88	73.15	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
		2	30*		1.22	30.94	3.88	98.55	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	04	1	120		1.22	30.94	2.13	54.10	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
		2	121		1.22	30.94	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	05	1	122		1.22	30.94	2.13	54.10	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
		2	123		1.22	30.94	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
20	01	1	31	37/20	1.35	34.16	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
		2	32		1.35	34.16	4.13	104.90	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	02	1	33		1.35	34.16	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
		2	34		1.35	34.16	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	03	1	35*		1.35	34.16	3.88	98.55	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
		2	36*		1.35	34.16	4.88	123.95	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	04	1	37*		1.35	34.16	3.88	98.55	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
		2	38*		1.35	34.16	4.88	123.95	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	05	1	124		1.35	34.16	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
		2	125		1.35	34.16	4.13	104.90	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	06	1	140		1.35	34.16	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.90	22.96
		2	141		1.35	34.16	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.90	22.96
22	01	1	39	22	1.47	37.29	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
		2	40		1.47	37.29	4.13	104.90	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	02	1	41		1.47	37.29	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
		2	42		1.47	37.29	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	03	1	43		1.47	37.29	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
		2	44		1.47	37.29	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	04	1	45*		1.47	37.29	3.88	98.55	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
		2	46*		1.47	37.29	4.88	123.95	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	05	1	126		1.47	37.29	3.13	79.50	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
		2	127		1.47	37.29	4.13	104.90	1.54	39.22	0.96	24.31	0.13	3.18	0.31	7.92
	06	1	128		1.47	37.29	3.13	79.50	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
		2	129		1.47	37.29	4.13	104.90	1.54	39.22	1.15	29.08	0.25	6.35	0.44	11.10
	07	1	142		1.47	37.29	3.13	79.50	2.23	56.64	2.11	53.67	0.88	22.23	1.03	26.14
		2	143		1.47	37.29	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.03	26.14

Table Continued

Connector Group - J

Straight

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
													MIN		MAX	
SHELL SIZE	ENTRY SIZE	LENGTH	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
24	01	1	47	24	1.59	40.46	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
		2	48		1.59	40.46	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	02	1	49		1.59	40.46	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.81	20.62
		2	50		1.59	40.46	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.81	20.62
	03	1	51		1.59	40.46	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
		2	52		1.59	40.46	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	04	1	53*		1.59	40.46	3.88	98.55	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
		2	54*		1.59	40.46	4.88	123.95	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	05	1	130		1.59	40.46	3.13	79.50	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
		2	131		1.59	40.46	4.13	104.90	1.84	46.84	1.33	33.83	0.35	8.89	0.63	15.88
	06	1	144		1.59	40.46	3.13	79.50	2.23	56.64	2.11	53.67	0.88	22.23	1.14	29.06
		2	145		1.59	40.46	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.14	29.06
28	01	1	55	28	1.97	50.01	3.13	79.50	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
		2	56		1.97	50.01	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	02	1	57		1.97	50.01	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
		2	58		1.97	50.01	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	03	1	59		1.97	50.01	3.13	79.50	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
		2	60		1.97	50.01	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	04	1	61		1.97	50.01	3.13	79.50	2.02	51.41	23.63	600.20	1.00	25.40	1.38	34.93
		2	62		1.97	50.01	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
32	01	1	63	32	2.22	56.36	3.13	79.50	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
		2	64		2.22	56.36	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
	02	1	65		2.22	56.36	3.13	79.50	2.23	56.64	2.11	53.67	0.88	22.23	12.50	317.50
		2	66		2.22	56.36	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	03	1	67		2.22	56.36	3.13	79.50	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
		2	68		2.22	56.36	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	04	1	69		2.22	56.36	3.13	79.50	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
		2	70		2.22	56.36	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
36	01	1	71	36	2.47	62.71	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
		2	72		2.47	62.71	5.13	130.30	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	02	1	73		2.47	62.71	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
		2	74		2.47	62.71	5.13	130.30	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	03	1	75		2.47	62.71	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
		2	76		2.47	62.71	5.13	130.30	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	04	1	77*		2.47	62.71	5.01	127.25	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
		2	78*		2.47	62.71	6.01	152.65	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
	05	1	132		2.47	62.71	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
		2	133		2.47	62.71	5.13	130.30	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	06	1	146		2.47	62.71	4.13	104.90	2.60	66.04	3.02	76.71	1.44	36.50	1.84	46.74
		2	147		2.47	62.71	5.13	130.30	2.60	66.04	3.02	76.71	1.44	36.50	1.84	46.74
	07	1	148		2.47	62.71	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
		2	149		2.47	62.71	5.13	130.30	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
40	01	1	79	40	2.72	69.06	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
		2	80		2.72	69.06	5.13	130.30	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	02	1	81		2.72	69.06	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
		2	82		2.72	69.06	5.13	130.30	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	03	1	83		2.72	69.06	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
		2	84		2.72	69.06	5.13	130.30	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	04	1	85		2.72	69.06	4.13	104.90	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
		2	86		2.72	69.06	5.13	130.30	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
	05	1	134		2.72	69.06	4.13	104.90	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
		2	135		2.72	69.06	5.13	130.30	1.92	48.67	1.55	39.40	0.50	12.70	0.75	19.05
	06	1	156		2.72	69.06	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
		2	157		2.72	69.06	5.13	130.30	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80

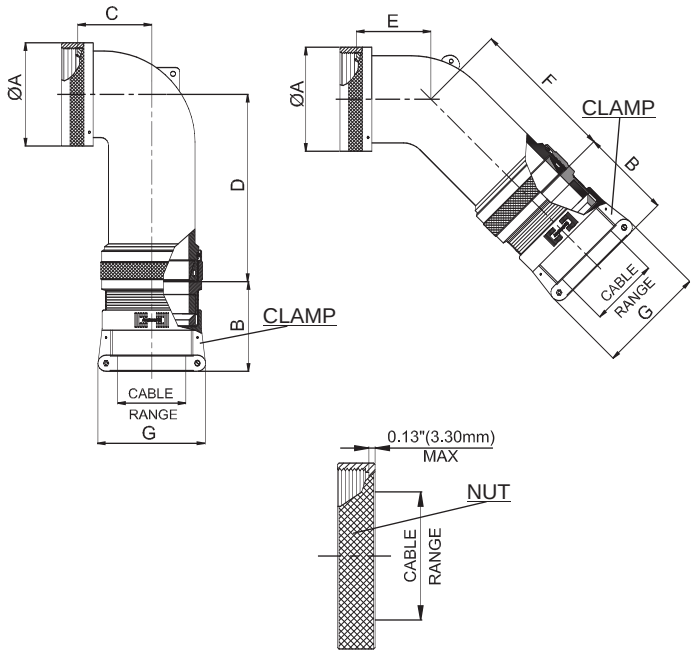
Table Continued

TABLE - A																
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
													MIN		MAX	
SHELL SIZE	ENTRY SIZE	LENGTH	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
44	01	1	87	44	2.97	75.41	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
		2	88		2.97	75.41	5.13	130.30	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	02	1	89		2.97	75.41	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
		2	90		2.97	75.41	5.13	130.30	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	03	1	91		2.97	75.41	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
		2	92		2.97	75.41	5.13	130.30	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	04	1	93		2.97	75.41	4.13	104.90	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
		2	94		2.97	75.41	5.13	130.30	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
	05	1	154		2.97	75.41	4.13	104.90	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
		2	155		2.97	75.41	5.13	130.30	2.00	50.80	1.77	44.96	0.63	15.88	0.94	23.80
48	01	1	95	48	3.22	81.76	4.13	104.90	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
		2	96		3.22	81.76	5.13	130.30	2.23	56.64	2.11	53.67	0.88	22.23	1.25	31.75
	02	1	97		3.22	81.76	4.13	104.90	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
		2	98		3.22	81.76	5.13	130.30	2.02	51.41	2.36	60.02	1.00	25.40	1.38	34.93
	03	1	99		3.22	81.76	4.13	104.90	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
		2	100		3.22	81.76	5.13	130.30	2.55	64.77	2.77	70.36	1.25	31.75	1.63	41.28
	04	1	101		3.22	81.76	4.13	104.90	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63
		2	102		3.22	81.76	5.13	130.30	2.60	66.04	3.02	76.71	1.44	36.50	1.88	47.63

(*) ---- DENOTES STYLE 2

Connector Group - J

90°, 45°



Amphenol Part Number

BV1 X X J 99 99 9 X X

- Series
- Angle
  - A: 90deg
  - B: 45deg
- Coupling
  - R: spin
- Connector group
- Shell size
  - See Table-B
- Entry size
  - See Table-B
- Length
  - 9:Not applicable
- End clamp
  - C: clamp
  - N: nut
- Finish: see Table-2

MIL Part Number

M85049 / 99 9 X

- MIL Series
- Slash sheet
  - 8: 90deg, spin coupling
  - 6: 45deg, spin coupling
- Dash Number:
  - See Table-B
- Finish:
  - See Table-2

NOTE: **** For more cable entry options, contact factory***

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (REF)		C (MAX)		D (MAX)		E (MAX)		F (MAX)	
SHELL SIZE	ENTRY SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	3	8	0.62	15.67	1.54	39.22	0.67	17.02	1.26	32.00	0.63	16.00	1.25	31.75
10	01	4	10	0.73	18.64	1.54	39.22	0.76	19.30	1.98	50.29	0.69	17.53	1.92	48.77
	02	49*		0.73	18.64	1.54	39.22	1.52	38.61	2.00	50.80	1.50	38.10	1.98	50.29
	03	5		0.73	18.64	1.54	39.22	0.76	19.30	1.38	35.05	0.69	17.53	1.31	33.27
12	01	6	7/12	0.86	21.79	1.54	39.22	0.77	19.56	2.00	50.80	0.75	19.05	1.98	50.29
	02	71*		0.86	21.79	1.84	46.84	1.81	45.97	2.16	54.86	1.65	41.91	2.18	55.37
	03	7		0.86	21.79	1.54	39.22	0.77	19.56	2.00	50.80	0.75	19.05	1.98	50.29
	04	8		0.86	21.79	1.84	46.84	0.77	19.56	1.40	35.56	0.75	19.05	1.98	50.29
14	01	9	12/14	0.98	24.99	1.54	39.22	0.87	22.10	2.07	52.58	0.81	20.57	2.07	52.58
	02	10		0.98	24.99	1.84	46.84	0.87	22.10	1.72	43.69	0.81	20.57	1.72	43.69
	03	50*		0.98	24.99	1.92	48.67	1.89	48.01	2.33	59.18	1.84	46.74	2.37	60.20
	04	74		0.98	24.99	1.54	39.22	0.87	22.10	2.07	52.58	0.81	20.57	2.07	52.58
16	01	11	19/16	1.11	28.24	1.54	39.22	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37
	02	12		1.11	28.24	1.92	48.67	1.05	26.67	1.81	45.97	0.91	23.11	1.82	46.23
	03	40		1.11	28.24	1.84	46.84	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37
	04	51*		1.11	28.24	2.00	50.80	2.04	51.82	2.44	61.98	1.94	49.28	2.52	64.01
	05	75		1.11	28.24	1.54	39.22	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37
18	01	13	27/18	1.22	30.94	1.84	46.84	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	02	14		1.22	30.94	2.00	50.80	1.14	28.96	1.98	50.29	1.09	27.69	2.00	50.80
	03	41		1.22	30.94	1.54	39.22	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	04	42		1.22	30.94	1.54	39.22	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	05	52		1.22	30.94	1.92	48.67	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	06	72*		1.22	30.94	2.00	50.80	2.05	52.07	2.44	61.98	1.94	49.28	2.52	64.01

Table Continued

Connector Group - J

90°, 45°

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (REF)		C (MAX)		D (MAX)		E (MAX)		F (MAX)	
SHELL SIZE	ENTRY SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
20	01	15	37/20	1.35	34.16	1.84	46.84	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	02	16		1.35	34.16	2.00	50.80	1.14	28.96	1.98	50.29	1.09	27.69	2.00	50.80
	03	43		1.35	34.16	1.54	39.22	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	04	54		1.35	34.16	1.92	48.67	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20
	05	55		1.35	34.16	2.23	56.64	2.14	54.36	2.61	66.29	2.06	52.32	2.57	65.28
22	01	17	22	1.47	37.29	1.92	48.72	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	02	18		1.47	37.29	2.23	56.64	1.29	32.77	2.09	53.09	1.19	30.23	2.16	54.86
	03	44		1.47	37.29	1.54	39.22	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	04	45		1.47	37.29	1.54	39.22	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	05	56		1.47	37.29	1.84	46.84	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	06	57		1.47	37.29	2.00	50.80	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	07	58*		1.47	37.29	2.23	56.64	2.14	54.36	2.61	66.29	2.06	52.32	2.57	65.28
24	01	19	24	1.59	40.46	1.92	48.67	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	02	20		1.59	40.46	2.23	56.64	1.29	32.77	2.09	53.09	1.19	30.23	2.16	54.86
	03	46		1.59	40.46	1.84	46.84	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	04	59		1.59	40.46	2.00	50.80	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01
	05	73*		1.59	40.46	2.23	56.64	2.15	54.61	2.61	66.29	2.06	52.32	2.57	65.28
28	01	21	28	1.97	50.01	2.00	50.80	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28
	02	22		1.97	50.01	2.02	51.41	1.39	35.31	2.26	57.40	1.31	33.27	2.22	56.39
	03	60		1.97	50.01	1.92	48.67	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28
	04	61		1.97	50.01	2.23	56.64	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28
32	01	23	32	2.22	56.36	2.00	50.80	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82
	02	24		2.22	56.36	2.23	56.64	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82
	03	25		2.22	56.36	2.55	64.77	1.74	44.20	2.51	63.75	1.38	35.05	2.32	58.93
	04	62		2.22	56.36	2.02	51.41	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82
36	01	26	36	2.47	62.71	2.00	50.80	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
	02	27		2.47	62.71	2.02	51.41	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
	03	28		2.47	62.71	2.60	66.04	1.94	49.28	2.48	62.99	1.41	35.81	2.41	61.21
	04	47		2.47	62.71	1.92	48.67	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
	05	63		2.47	62.71	2.23	56.64	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
	06	64		2.47	62.71	2.55	64.77	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10
40	01	29	40	2.72	69.06	2.00	50.80	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	02	30		2.72	69.06	2.02	51.41	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	03	31		2.72	69.06	2.60	66.04	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21
	04	48		2.72	69.06	1.92	48.67	1.94	49.28	2.83	71.88	2.16	54.86	2.76	70.10
	05	65		2.72	69.06	2.23	56.64	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	06	66		2.72	69.06	2.55	64.77	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
44	01	32	44	2.97	75.41	2.00	50.80	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	02	33		2.97	75.41	2.02	51.41	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	03	34		2.97	75.41	2.60	66.04	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21
	04	67		2.97	75.41	2.23	56.64	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	05	68		2.97	75.41	2.55	64.77	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
48	01	35	48	3.22	81.76	2.00	50.80	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	02	36		3.22	81.76	2.02	51.41	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	03	37		3.22	81.76	2.60	66.04	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21
	04	69		3.22	81.76	2.23	56.64	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10
	05	70		3.22	81.76	2.55	64.77	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10

(*) ---- DENOTES STYLE 2

Table Continued

Connector Group - J

90°, 45°

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	G (MAX)		CABLE RANGE			
						MIN		MAX	
SHELL SIZE	ENTRY SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM
08	01	3	8	0.96	24.31	0.13	3.18	0.25	6.35
10	01	4	10	0.96	24.31	0.13	3.18	0.31	7.92
	02	49*		1.15	29.08	0.25	6.35	0.44	11.10
	03	5		1.15	29.08	0.25	6.35	0.38	9.53
12	01	6	7/12	0.96	24.31	0.13	3.18	0.31	7.92
	02	71*		1.33	33.83	0.35	8.89	0.63	15.88
	03	7		1.15	29.08	0.25	6.35	0.44	11.10
	04	8		1.33	33.83	0.35	8.89	0.50	12.70
14	01	9	12/14	1.15	29.08	0.25	6.35	0.44	11.10
	02	10		1.33	33.83	0.35	8.89	0.58	14.61
	03	50*		1.55	39.40	0.50	12.70	0.75	19.05
	04	74		0.96	24.31	0.13	3.18	0.31	7.92
16	01	11	19/16	1.15	29.08	0.25	6.35	0.44	11.10
	02	12		1.55	39.40	0.50	12.70	0.70	17.78
	03	40		1.33	33.83	0.35	8.89	0.63	15.88
	04	51*		1.77	44.96	0.63	15.88	0.94	23.80
	05	75		0.96	24.31	0.13	3.18	0.31	7.92
18	01	13	27/18	1.33	33.83	0.35	8.89	0.63	15.88
	02	14		1.77	44.96	0.63	15.88	0.78	19.79
	03	41		0.96	24.31	0.13	3.18	0.31	7.92
	04	42		1.15	29.08	0.25	6.35	0.44	11.10
	05	52		1.55	39.40	0.50	12.70	0.75	19.05
	06	72*		1.77	44.96	0.63	15.88	0.94	23.80
20	01	15	37/20	1.33	33.83	0.35	8.89	0.63	15.88
	02	16		1.77	44.96	0.63	15.88	0.90	22.96
	03	43		1.15	29.08	0.25	6.35	0.44	11.10
	04	54		1.55	39.40	0.50	12.70	0.75	19.05
	05	55		2.11	53.67	0.88	22.23	1.25	31.75
22	01	17	22	1.55	39.40	0.50	12.70	0.75	19.05
	02	18		2.11	53.67	0.88	22.23	1.03	26.14
	03	44		0.96	24.31	0.13	3.18	0.31	7.92
	04	45		1.15	29.08	0.25	6.35	0.44	11.10
	05	56		1.33	33.83	0.35	8.89	0.63	15.88
	06	57		1.77	44.96	0.63	15.88	0.94	23.80
	07	58*		2.11	53.67	0.88	22.23	1.25	31.75
24	01	19	24	1.55	39.40	0.50	12.70	0.75	19.05
	02	20		2.11	53.67	0.88	22.23	1.14	29.06
	03	46		1.33	33.83	0.35	8.89	0.63	15.88
	04	59		1.77	44.96	0.63	15.88	0.94	23.80
	05	73*		2.12	53.75	0.88	22.23	1.25	31.75
28	01	21	28	1.77	44.96	0.63	15.88	0.94	23.80
	02	22		2.36	60.02	1.00	25.40	1.38	34.93
	03	60		1.55	39.40	0.50	12.70	0.75	19.05
	04	61		2.11	53.67	0.88	22.23	1.25	31.75
32	01	23	32	1.77	44.96	0.63	15.88	0.94	23.80
	02	24		2.11	53.67	0.88	22.23	1.25	31.75
	03	25		2.77	70.36	1.25	31.75	1.63	41.28
	04	62		2.36	60.02	1.00	25.40	1.38	34.93

Table Continued

Connector Group - J

90°, 45°

TABLE - B										
AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	G (MAX)		CABLE RANGE			
						MIN		MAX	
SHELL SIZE	ENTRY SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM
36	01	26	36	1.77	44.96	0.63	15.88	0.94	23.80
	02	27		2.36	60.02	1.00	25.40	1.38	34.93
	03	28		3.02	76.71	1.44	36.50	1.84	46.74
	04	47		1.55	39.40	0.50	12.70	0.75	19.05
	05	63		2.11	53.67	0.88	22.23	1.25	31.75
	06	64		2.77	70.36	1.25	31.75	1.63	41.28
40	01	29	40	1.77	44.96	0.63	15.88	0.94	23.80
	02	30		2.36	60.02	1.00	25.40	1.38	34.93
	03	31		3.02	76.71	1.44	36.50	1.88	47.63
	04	48		1.55	39.40	0.50	12.70	0.75	19.05
	05	65		2.11	53.67	0.88	22.23	1.25	31.75
	06	66		2.77	70.36	1.25	31.75	1.63	41.28
44	01	32	44	1.77	44.96	0.63	15.88	0.94	23.80
	02	33		2.36	60.02	1.00	25.40	1.38	34.93
	03	34		3.02	76.71	1.44	36.50	1.88	47.63
	04	67		2.11	53.67	0.88	22.23	1.25	31.75
	05	68		2.77	70.36	1.25	31.75	1.63	41.28
48	01	35	48	1.77	44.96	0.63	15.88	0.94	23.80
	02	36		2.36	60.02	1.00	25.40	1.38	34.93
	03	37		3.02	76.71	1.44	36.50	1.88	47.63
	04	69		2.11	53.67	0.88	22.23	1.25	31.75
	05	70		2.77	70.36	1.25	31.75	1.63	41.28

(*) ---- DENOTES STYLE 2

Connector Group - K

Straight

Amphenol Part Number

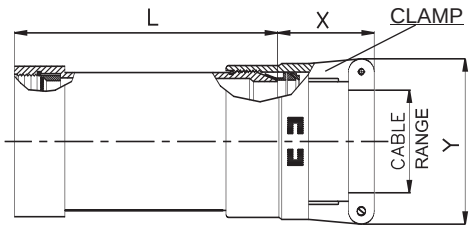
BV1 S X K 99 99 9 X X

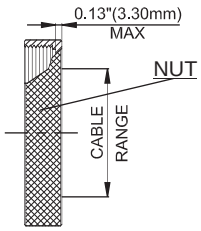
- Series
- Angle: S: straight
- Coupling: R: spin, D: direct
- Connector group
- Shell size: See Table-A
- Entry size: See Table-A
- Length: See Table-A
- End clamp: C: clamp, N: nut
- Finish: see Table-2

MIL Part Number

M85049 / 99 99 X 9 X

- MIL Series
- Slash sheet: 17: Straight, Direct coupling
- Shell size: See Table-A
- Finish: See Table-2
- Clamp size: See Table-A
- Length: See Table-A, Omit for 'STD'





NOTE: * For more cable entry and length options, contact factory

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE – II / I		CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
							MIN		MAX							
SHELL SIZE	ENTRY SIZE	LENGTH	ACCESSORY SHELL SIZE	CLAMP SIZE		LENGTH	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	1	08	1	8 / 9	STD.	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81
		2				A					2.53	64.26				
	02	1		2		STD.	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2				A					2.53	64.26				
10	01	1	10	1	10 / 11	STD.	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81
		2				A					2.53	64.26				
	02	1		2		STD.	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2				A					2.53	64.26				
	03	1		3		STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2				A					2.53	64.26				
12	01	1	12	2	12 / 13	STD.	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2				A					2.53	64.26				
	02	1		3		STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2				A					2.53	64.26				
	03	1		4		STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2				A					2.53	64.26				
14	01	1	14	2	14 / 15	STD.	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2				A					2.53	64.26				
		3				B					3.53	89.66				
	02	1		3		STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2				A					2.53	64.26				
		3				B					3.53	89.66				
	03	1		4		STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2				A					2.53	64.26				
		3				B					3.53	89.66				
	04	1		5		STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2				A					2.53	64.26				
		3				B					3.53	89.66				

Table Continued

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE – II / I		CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
							MIN		MAX							
SHELL SIZE	ENTRY SIZE	LENGTH	ACCESSORY SHELL SIZE	CLAMP SIZE		LENGTH	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
16	01	1	16	2	16 / 17	STD.	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2				A					2.53	64.26				
		3				B					3.53	89.66				
	02	1		3		STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2				A					2.53	64.26				
		3				B					3.53	89.66				
	03	1		4		STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2				A					2.53	64.26				
		3				B					3.53	89.66				
	04	1		5		STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2				A					2.53	64.26				
		3				B					3.53	89.66				
	05	1		6		STD.	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2				A					2.53	64.26				
		3				B					3.53	89.66				
18	01	1	18	3	18 / 19	STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2				A					2.53	64.26				
		3				B					3.53	89.66				
	02	1		4		STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2				A					2.53	64.26				
		3				B					3.53	89.66				
	03	1		5		STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2				A					2.53	64.26				
		3				B					3.53	89.66				
	04	1		6		STD.	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2				A					2.53	64.26				
		3				B					3.53	89.66				
	05	1		7		STD.	0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2				A					2.53	64.26				
		3				B					3.53	89.66				
20	01	1	20	3	20 / 21	STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2				A					2.53	64.26				
		3				B					3.53	89.66				
		4				C					4.53	115.06				
	02	1		4		STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2				A					2.53	64.26				
		3				B					3.53	89.66				
		4				C					4.53	115.06				
	03	1		5		STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2				A					2.53	64.26				
		3				B					3.53	89.66				
		4				C					4.53	115.06				
	04	1		6		STD.	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2				A					2.53	64.26				
		3				B					3.53	89.66				
		4				C					4.53	115.06				
	05	1		7		STD.	0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2				A					2.53	64.26				
		3				B					3.53	89.66				
		4				C					4.53	115.06				
	06	1		8		STD.	0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
		2				A					2.53	64.26				
		3				B					3.53	89.66				
		4				C					4.53	115.06				

Table Continued

Connector Group - K

Straight

TABLE - A

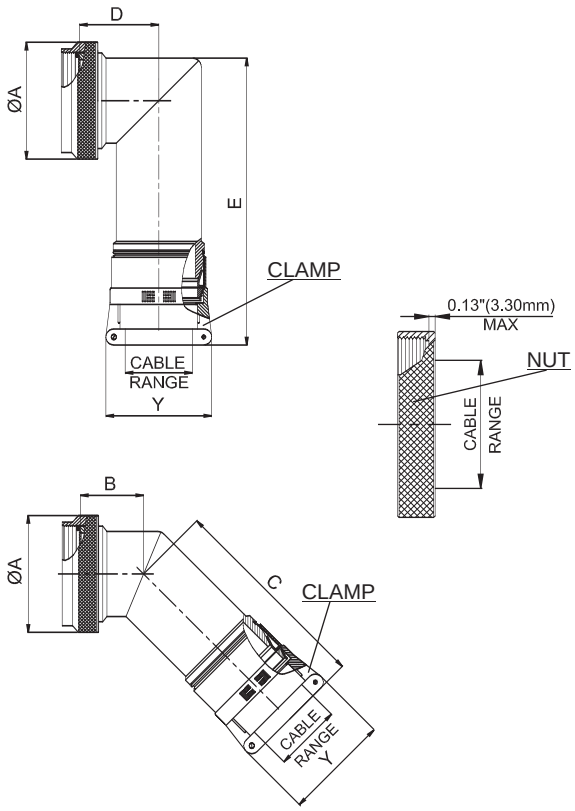
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE – II / I		CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	ACCESSORY SHELL SIZE	CLAMP SIZE		LENGTH	MIN		MAX							
							INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
22	01	1	22	3	22 /23	STD.	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2				A					2.53	64.26				
		3				B					3.53	89.66				
		4				C					4.53	115.06				
	02	1		4		STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2				A					2.53	64.26				
		3				B					3.53	89.66				
		4				C					4.53	115.06				
	03	1		5		STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2				A					2.53	64.26				
		3				B					3.53	89.66				
		4				C					4.53	115.06				
	04	1		6		STD.	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2				A					2.53	64.26				
		3				B					3.53	89.66				
		4				C					4.53	115.06				
22	05	1	22	7	22 /23	STD.	0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2				A					2.53	64.26				
		3				B					3.53	89.66				
		4				C					4.53	115.06				
	06	1		8		STD.	0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
		2				A					2.53	64.26				
		3				B					3.53	89.66				
		4				C					4.53	115.06				
	17	1		9		STD.	1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45
		2				A					2.53	64.26				
		3				B					3.53	89.66				
		4				C					4.53	115.06				
24	01	1	24	4	24 / 25	STD.	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2				A					2.53	64.26				
		3				B					3.53	89.66				
		4				C					4.53	115.06				
	02	1		5		STD.	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2				A					2.53	64.26				
		3				B					3.53	89.66				
		4				C					4.53	115.06				
	03	1		6		STD.	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2				A					2.53	64.26				
		3				B					3.53	89.66				
		4				C					4.53	115.06				
	04	1		7		STD.	0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2				A					2.53	64.26				
		3				B					3.53	89.66				
		4				C					4.53	115.06				
	05	1		8		STD.	0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
		2				A					2.53	64.26				
		3				B					3.53	89.66				
		4				C					4.53	115.06				
	06	1		9		STD.	1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45
		2				A					2.53	64.26				
		3				B					3.53	89.66				
		4				C					4.53	115.06				
	07	1		10		STD.	1.13	28.58	1.25	31.75	1.53	38.86	1.63	41.40	1.88	47.75
		2				A					2.53	64.26				
		3				B					3.53	89.66				
		4				C					4.53	115.06				

Amphenol

Environmental EMI / RFI Backshell

Connector Group - K

90⁰, 45⁰



Amphenol Part Number

BV1 X X K 99 99 9 X X

- Series
- Angle: A: 90deg, B: 45deg
- Coupling: R: spin
- Connector group
- Entry size: See Table-B
- Length: 9:Not applicable
- End clamp: C: clamp, N: nut
- Finish: see Table-2
- Shell size: See Table-B

MIL Part Number

M85049 / 99 99 X 9

- MIL Series
- Slash sheet: 76: 90deg, spin coupling; 77: 45deg, spin coupling
- Shell size: See Table-B
- Finish: See Table-2
- Clamp size: See Table-B, Omit for 'STD'

NOTE: * For more cable entry options, contact factory

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
					MIN		MAX													
SHELL SIZE	ENTRY SIZE	ACCESSORY SHELL SIZE	CLAMP SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	08	1	8 / 9	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.80	20.32
	02		2		0.13	3.18	0.25	6.35											1.00	25.40
10	01	10	1	10 / 11	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.80	20.32
	02		2		0.13	3.18	0.25	6.35											1.00	25.40
	03		3		0.25	6.35	0.38	9.53											1.10	27.94
12	01	12	2	12 / 13	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	1.00	25.40
	02		3		0.25	6.35	0.38	9.53											1.10	27.94
	03		4		0.38	9.53	0.50	12.70											1.20	30.48
14	01	14	2	14 / 15	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	1.00	25.40
	02		3		0.25	6.35	0.38	9.53											1.10	27.94
	03		4		0.38	9.53	0.50	12.70											1.20	30.48
	04		5		0.50	12.70	0.63	15.88											1.25	31.75
16	01	16	2	16 / 17	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	1.00	25.40
	02		3		0.25	6.35	0.38	9.53											1.10	27.94
	03		4		0.38	9.53	0.50	12.70											1.20	30.48
	04		5		0.50	12.70	0.63	15.88											1.25	31.75
	05		6		0.63	15.88	0.75	19.05											1.40	35.56
18	01	18	3	18 / 19	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.10	27.94
	02		4		0.38	9.53	0.50	12.70											1.20	30.48
	03		5		0.50	12.70	0.63	15.88											1.25	31.75
	04		6		0.63	15.88	0.75	19.05											1.40	35.56
	05		7		0.75	19.05	0.88	22.23											1.50	38.10

Table Continued

Connector Group - K

90°, 45°

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
					MIN		MAX													
SHELL SIZE	ENTRY SIZE	ACCESSORY SHELL SIZE	CLAMP SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
20	01	20	3	20 / 21	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.10	27.94
	02		4		0.38	9.53	0.50	12.70											1.20	30.48
	03		5		0.50	12.70	0.63	15.88											1.25	31.75
	04		6		0.63	15.88	0.75	19.05											1.40	35.56
	05		7		0.75	19.05	0.88	22.23											1.50	38.10
	06		8		0.88	22.23	1.00	25.40											1.65	41.91
22	01	22	3	22 /23	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.10	27.94
	02		4		0.38	9.53	0.50	12.70											1.20	30.48
	03		5		0.50	12.70	0.63	15.88											1.25	31.75
	04		6		0.63	15.88	0.75	19.05											1.40	35.56
	05		7		0.75	19.05	0.88	22.23											1.50	38.10
	06		8		0.88	22.23	1.00	25.40											1.65	41.91
	07		9		1.00	25.40	1.13	28.58											1.75	44.45
24	01	24	4	24 / 25	0.38	9.53	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.20	30.48
	02		5		0.50	12.70	0.63	15.88											1.25	31.75
	03		6		0.63	15.88	0.75	19.05											1.40	35.56
	04		7		0.75	19.05	0.88	22.23											1.50	38.10
	05		8		0.88	22.23	1.00	25.40											1.65	41.91
	06		9		1.00	25.40	1.13	28.58											1.75	44.45
	07		10		1.13	28.58	1.25	31.75											1.90	48.26

Amphenol

Environmental EMI / RFI Backshell

Connector Group - L

Straight

Amphenol Part Number

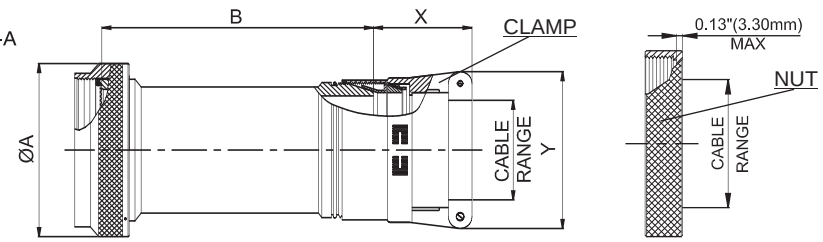
BV1 S X L 99 99 9 X X

- Series
- Angle: S: straight
- Coupling: R: spin, D: direct
- Connector group
- Shell size: See Table-A
- Entry size: See Table-A
- Length: See Table-A
- End clamp: C: clamp, N: nut
- Finish: see Table-2

MIL Part Number

M85049 / 99 99 X 9 X

- MIL Series
- Slash sheet: 18: Straight, spin coupling
- Shell size: See Table-A
- Finish: See Table-2
- Clamp size: See Table-A
- Length: See Table-A, Omit for 'STD'



NOTE: **** For more cable entry and length options, contact factory***

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE MIN		CABLE RANGE MAX		A DIA. (MAX)		B (MAX)		X (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	1	09	1	STD.	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	1.53	38.86	1.25	31.75	0.80	20.32
		2			A								2.53	64.26				
	02	1		2	STD.		0.13	3.18	0.25	6.35			1.53	38.86	1.25	31.75	1.00	25.40
		2			A								2.53	64.26				
10	01	1	11	1	STD.	11 / B	0.06	1.57	0.13	3.18	0.85	21.59	1.53	38.86	1.25	31.75	0.80	20.32
		2			A								2.53	64.26				
	02	1		2	STD.		0.13	3.18	0.25	6.35			1.53	38.86	1.25	31.75	1.00	25.40
		2			A								2.53	64.26				
	03	1		3	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.25	31.75	1.10	27.94
		2			A								2.53	64.26				
12	01	1	13	2	STD.	13 / C	0.13	3.18	0.25	6.35	1.00	25.40	1.53	38.86	1.25	31.75	1.00	25.40
		2			A								2.53	64.26				
	02	1		3	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.25	31.75	1.10	27.94
		2			A								2.53	64.26				
	03	1		4	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		2			A								2.53	64.26				
14	01	1	15	2	STD.	15 / D	0.13	3.18	0.25	6.35	1.15	29.21	1.53	38.86	1.25	31.75	1.00	25.40
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	02	1		3	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.25	31.75	1.10	27.94
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	03	1		4	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	04	1		5	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		2			A								2.53	64.26				
		3			B								3.53	89.66				
16	01	1	17	2	STD.	17 / E	0.13	3.18	0.25	6.35	1.25	31.75	1.53	38.86	1.25	31.75	1.00	25.40
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	02	1		3	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.25	31.75	1.10	27.94
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	03	1		4	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	04	1		5	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	05	1		6	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		2			A								2.53	64.26				
		3			B								3.53	89.66				

Table Continued

Connector Group - L

Straight

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		X (MAX)		Y (MAX)	
							MIN		MAX									
SHELL SIZE	ENTRY SIZE	LENGTH	CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
18	01	1	19	3	STD.	19 / F	0.25	6.35	0.38	9.53	1.40	35.56	1.53	38.86	1.25	31.75	1.10	27.94
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	02	1		4	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	03	1		5	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	04	1		6	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	05	1		7	STD.		0.75	19.05	0.88	22.23			1.53	38.86	1.50	38.10	1.50	38.10
		2			A								2.53	64.26				
		3			B								3.53	89.66				
20	01	1	21	3	STD.	21 / G	0.25	6.35	0.38	9.53	1.55	39.37	1.53	38.86	1.25	31.75	1.10	27.94
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	02	1		4	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	03	1		5	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	04	1		6	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	05	1		7	STD.		0.75	19.05	0.88	22.23			1.53	38.86	1.50	38.10	1.50	38.10
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	06	1		8	STD.		0.88	22.23	1.00	25.40			1.53	38.86	1.63	41.40	1.65	41.91
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
22	01	1	23	3	STD.	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.53	38.86	1.25	31.75	1.10	27.94
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	02	1		4	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	03	1		5	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	04	1		6	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	05	1		7	STD.		0.75	19.05	0.88	22.23			1.53	38.86	1.50	38.10	1.50	38.10
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	06	1		8	STD.		0.88	22.23	1.00	25.40			1.53	38.86	1.63	41.40	1.65	41.91
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	07	1		9	STD.		1.00	25.40	1.13	28.58			1.53	38.86	1.63	41.40	1.75	44.45
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				

Table Continued

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE MIN		CABLE RANGE MAX		A DIA. (MAX)		B (MAX)		X (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
18	01	1	19	3	STD.	19 / F	0.25	6.35	0.38	9.53	1.40	35.56	1.53	38.86	1.25	31.75	1.10	27.94
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	02	1		4	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	03	1		5	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	04	1		6	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		2			A								2.53	64.26				
		3			B								3.53	89.66				
	05	1		7	STD.		0.75	19.05	0.88	22.23			1.53	38.86	1.50	38.10	1.50	38.10
		2			A								2.53	64.26				
		3			B								3.53	89.66				
20	01	1	21	3	STD.	21 / G	0.25	6.35	0.38	9.53	1.55	39.37	1.53	38.86	1.25	31.75	1.10	27.94
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	02	1		4	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	03	1		5	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	04	1		6	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	05	1		7	STD.		0.75	19.05	0.88	22.23			1.53	38.86	1.50	38.10	1.50	38.10
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	06	1		8	STD.		0.88	22.23	1.00	25.40			1.53	38.86	1.63	41.40	1.65	41.91
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
22	01	1	23	3	STD.	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.53	38.86	1.25	31.75	1.10	27.94
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	02	1		4	STD.		0.38	9.53	0.50	12.70			1.53	38.86	1.25	31.75	1.20	30.48
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	03	1		5	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	04	1		6	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				

Table Continued

Connector Group - L

Straight

TABLE - A

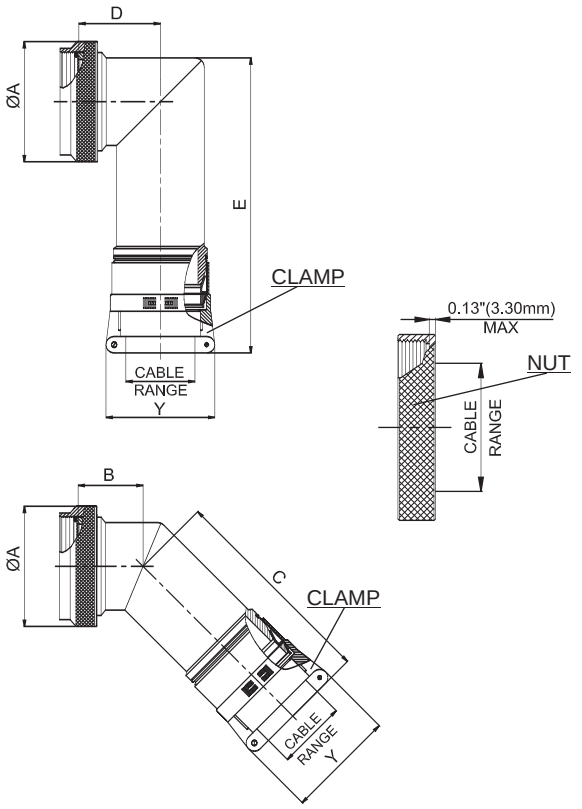
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		X (MAX)		Y (MAX)	
							MIN		MAX									
SHELL SIZE	ENTRY SIZE	LENGTH	CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
22	05	1	23	7	STD.	23 / H	0.75	19.05	0.88	22.23	1.65	41.91	1.53	38.86	1.50	38.10	1.50	38.10
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	06	1		8	STD.		0.88	22.23	1.00	25.40			1.53	38.86	1.63	41.40	1.65	41.91
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	17	1		9	STD.		1.00	25.40	1.13	28.58			1.53	38.86	1.63	41.40	1.75	44.45
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
24	01	1	25	4	STD.	25 / J	0.38	9.53	0.50	12.70	1.85	46.99	1.53	38.86	1.25	31.75	1.20	30.48
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	02	1		5	STD.		0.50	12.70	0.63	15.88			1.53	38.86	1.31	33.27	1.25	31.75
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	03	1		6	STD.		0.63	15.88	0.75	19.05			1.53	38.86	1.38	35.05	1.40	35.56
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	04	1		7	STD.		0.75	19.05	0.88	22.23			1.53	38.86	1.50	38.10	1.50	38.10
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	05	1		8	STD.		0.88	22.23	1.00	25.40			1.53	38.86	1.63	41.40	1.65	41.91
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	06	1		9	STD.		1.00	25.40	1.13	28.58			1.53	38.86	1.63	41.40	1.75	44.45
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				
	07	1		10	STD.		1.13	28.58	1.25	31.75			1.53	38.86	1.63	41.40	1.90	48.26
		2			A								2.53	64.26				
		3			B								3.53	89.66				
		4			C								4.53	115.06				

Amphenol

Environmental EMI / RFI Backshell

Connector Group - L

90°, 45°



Amphenol Part Number

BV1 X X L 99 99 9 X X

- Series
- Angle
  - A: 90deg
  - B: 45deg
- Coupling
  - R: spin
- Connector group
- Shell size
  See Table-B
- Entry size
  See Table-B
- Length
  9:Not applicable
- End clamp
  C: clamp
  N: nut
- Finish: see Table-2

MIL Part Number

M85049 / 99 99 X 9

- MIL Series
- Slash sheet
  - 79: 90deg, spin coupling
  - 78: 45deg, spin coupling
- Shell size:
  See Table-B
- Finish:
  See Table-2
- Clamp size:
  See Table-B
  Omit for 'STD'

NOTE: * For more cable entry options, contact factory

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)	
					MIN		MAX									
SHELL SIZE	ENTRY SIZE	CONNECTOR SHELL SIZE	CLAMP SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	09	1	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53
	02		2		0.13	3.18	0.25	6.35								
10	01	11	1	11 / B	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81
	02		2		0.13	3.18	0.25	6.35								
	03		3		0.25	6.35	0.38	9.53								
12	01	13	2	13 / C	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32
	02		3		0.25	6.35	0.38	9.53								
	03		4		0.38	9.53	0.50	12.70								
14	01	15	2	15 / D	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35
	02		3		0.25	6.35	0.38	9.53								
	03		4		0.38	9.53	0.50	12.70								
	04		5		0.50	12.70	0.63	15.88								
16	01	17	2	17 / E	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62
	02		3		0.25	6.35	0.38	9.53								
	03		4		0.38	9.53	0.50	12.70								
	04		5		0.50	12.70	0.63	15.88								
	05		6		0.63	15.88	0.75	19.05								

Table Continued

email: sales@backshellworld.com
www.backshellworld.com

Connector Group - L

90°, 45°

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)	
					MIN		MAX									
SHELL SIZE	ENTRY SIZE	CONNECTOR SHELL SIZE	CLAMP SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
18	01	19	3	19 / F	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65
	02		4		0.38	9.53	0.50	12.70								
	03		5		0.50	12.70	0.63	15.88								
	04		6		0.63	15.88	0.75	19.05								
	05		7		0.75	19.05	0.88	22.23								
20	01	21	3	21 / G	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92
	02		4		0.38	9.53	0.50	12.70								
	03		5		0.50	12.70	0.63	15.88								
	04		6		0.63	15.88	0.75	19.05								
	05		7		0.75	19.05	0.88	22.23								
	06		8		0.88	22.23	1.00	25.40								
22	01	23	3	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72
	02		4		0.38	9.53	0.50	12.70								
	03		5		0.50	12.70	0.63	15.88								
	04		6		0.63	15.88	0.75	19.05								
	05		7		0.75	19.05	0.88	22.23								
	06		8		0.88	22.23	1.00	25.40								
	17		9		1.00	25.40	1.13	28.58								
24	01	25	4	25 / J	0.38	9.53	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97
	02		5		0.50	12.70	0.63	15.88								
	03		6		0.63	15.88	0.75	19.05								
	04		7		0.75	19.05	0.88	22.23								
	05		8		0.88	22.23	1.00	25.40								
	06		9		1.00	25.40	1.13	28.58								
	07		10		1.13	28.58	1.25	31.75								

Table Continued

Connector Group - L

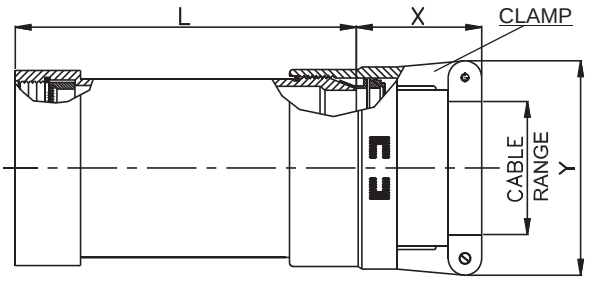
90°, 45°

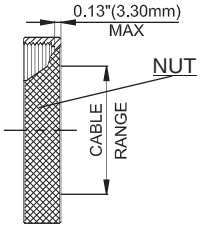
TABLE - B

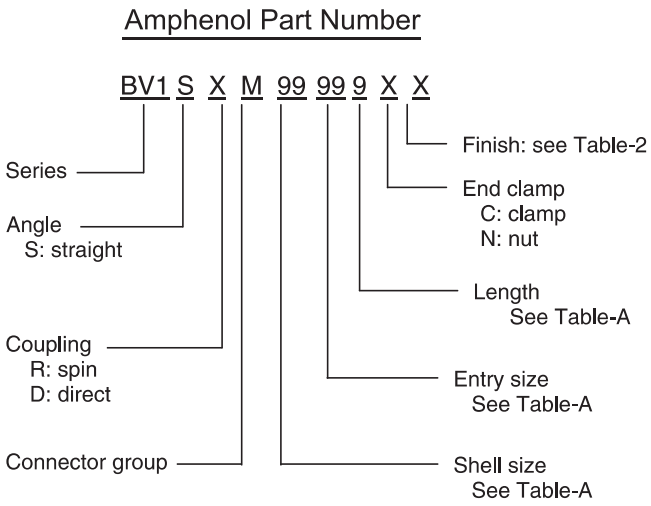
AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL	E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	CONNECTOR SHELL SIZE	CLAMP SIZE	SIZE/CODE (REF.)	INCH	MM	INCH	MM
08	01	09	1	09 / A	3.46	87.88	0.80	20.32
	02		2				1.00	25.40
10	01	11	1	11 / B	3.58	90.93	0.80	20.32
	02		2				1.00	25.40
	03		3				1.10	27.94
12	01	13	2	13 / C	3.60	91.44	1.00	25.40
	02		3				1.10	27.94
	03		4				1.20	30.48
14	01	15	2	15 / D	3.67	93.22	1.00	25.40
	02		3				1.10	27.94
	03		4				1.20	30.48
	04		5				1.25	31.75
16	01	17	2	17 / E	3.76	95.50	1.00	25.40
	02		3				1.10	27.94
	03		4				1.20	30.48
	04		5				1.25	31.75
	05		6				1.40	35.56
18	01	19	3	19 / F	3.93	99.82	1.10	27.94
	02		4				1.20	30.48
	03		5				1.25	31.75
	04		6				1.40	35.56
	05		7				1.50	38.10
20	01	21	3	21 / G	3.93	99.82	1.10	27.94
	02		4				1.20	30.48
	03		5				1.25	31.75
	04		6				1.40	35.56
	05		7				1.50	38.10
	06		8				1.65	41.91
22	01	23	3	23 / H	4.04	102.62	1.10	27.94
	02		4				1.20	30.48
	03		5				1.25	31.75
	04		6				1.40	35.56
	05		7				1.50	38.10
	06		8				1.65	41.91
	07		9				1.75	44.45
24	01	25	4	25 / J	4.04	102.62	1.20	30.48
	02		5				1.25	31.75
	03		6				1.40	35.56
	04		7				1.50	38.10
	05		8				1.65	41.91
	06		9				1.75	44.45
	07		10				1.90	48.26

Connector Group - M

Straight







NOTE: **** For more cable entry and length options, contact factory***

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
				MIN		MAX							
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	1	8	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81
		2						2.53	64.26				
	02	1		0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2						2.53	64.26				
10	01	1	10	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81
		2						2.53	64.26				
	02	1		0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2						2.53	64.26				
	03	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
12	01	1	12	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2						2.53	64.26				
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
	03	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
14	01	1	14	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2						2.53	64.26				
		3						3.53	89.66				
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				

Table Continued

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
				MIN		MAX							
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
14	03	1	14	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
	04	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
16	01	1	16	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2						2.53	64.26				
		3						3.53	89.66				
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				
	03	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
	04	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
	05	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
18	01	1	18	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				
	02	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
	03	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
	04	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
	05	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
18	01	1	18	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	02	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				

Table Continued

Connector Group - M

Straight

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
				MIN		MAX							
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
18	03	1	18	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
	04	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
	05	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
20	01	1	20	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	02	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	03	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	04	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	05	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	06	1		0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
22	01	1	22	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	02	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	03	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				

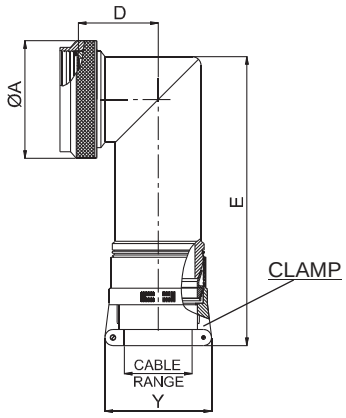
Table Continued

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
				MIN		MAX							
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
22	04	1	22	0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	05	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	06	1		0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	17	1		1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
24	01	1	24	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	02	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	03	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	04	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	05	1		0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	06	1		1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	07	1		1.13	28.58	1.25	31.75	1.53	38.86	1.63	41.40	1.88	47.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				

Connector Group - M

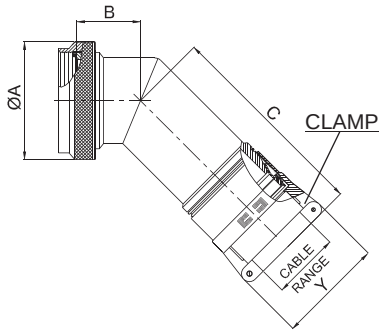
90°, 45°

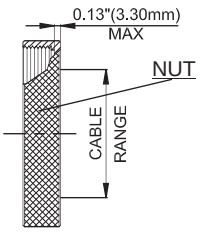


Amphenol Part Number

BV1 X X M 99 99 9 X X

- Series
- Angle
  A: 90deg
  B: 45deg
- Coupling
  R: spin
- Connector group
- Shell size
  See Table-B
- Entry size
  See Table-B
- Length
  9:Not applicable
- End clamp
  C: clamp
  N: nut
- Finish: see Table-2





NOTE: **** For more cable entry options, contact factory***

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
			MIN		MAX													
SHELL SIZE	ENTRY SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	8	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
10	01	10	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
12	01	12	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
14	01	14	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
	04		0.50	12.70	0.63	15.88											1.25	31.75

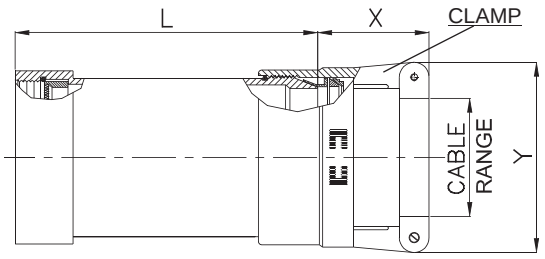
Table Continued

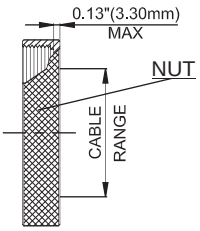
TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
			MIN		MAX													
SHELL SIZE	ENTRY SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
16	01	16	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
	04		0.50	12.70	0.63	15.88											1.25	31.75
	05		0.63	15.88	0.75	19.05											1.40	35.56
18	01	18	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
20	01	20	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
	06		0.88	22.23	1.00	25.40											1.65	41.91
22	01	22	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
	06		0.88	22.23	1.00	25.40											1.65	41.91
	07		1.00	25.40	1.13	28.58											1.75	44.45
24	01	24	0.38	9.53	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.20	30.48
	02		0.50	12.70	0.63	15.88											1.25	31.75
	03		0.63	15.88	0.75	19.05											1.40	35.56
	04		0.75	19.05	0.88	22.23											1.50	38.10
	05		0.88	22.23	1.00	25.40											1.65	41.91
	06		1.00	25.40	1.13	28.58											1.75	44.45
	07		1.13	28.58	1.25	31.75											1.90	48.26

Connector Group - N

Straight





Amphenol Part Number

BV1 S X N 99 99 9 X X

- Series
- Angle: S: straight
- Coupling: R: spin, D: direct
- Connector group
- Length: See Table-A
- Entry size: See Table-A
- Shell size: See Table-A
- End clamp: C: clamp, N: nut
- Finish: see Table-2

NOTE: **** For more cable entry and length options, contact factory***

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
				MIN		MAX							
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	1	8	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81
		2						2.53	64.26				
	02	1		0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2						2.53	64.26				
10	01	1	10	0.06	1.57	0.13	3.18	1.53	38.86	1.25	31.75	0.78	19.81
		2						2.53	64.26				
	02	1		0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2						2.53	64.26				
	03	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
12	01	1	12	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2						2.53	64.26				
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
	03	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
14	01	1	14	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2						2.53	64.26				
		3						3.53	89.66				
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				

Table Continued

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
				MIN		MAX							
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
14	03	1	14	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
	04	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
16	01	1	16	0.13	3.18	0.25	6.35	1.53	38.86	1.25	31.75	0.97	24.64
		2						2.53	64.26				
		3						3.53	89.66				
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				
	03	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
	04	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
	05	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
18	01	1	18	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				
	02	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
	03	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
	04	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
	05	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
20	01	1	20	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	02	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				

Table Continued

Connector Group - N

Straight

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
				MIN		MAX							
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
20	03	1	20	0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	04	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	05	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	06	1		0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
22	01	1	22	0.25	6.35	0.38	9.53	1.53	38.86	1.25	31.75	1.06	26.92
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	02	1		0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	03	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	04	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	05	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	06	1		0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	07	1		1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				

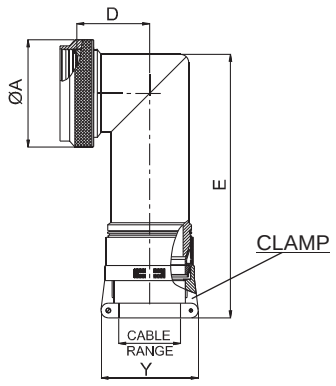
Table Continued

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		X (MAX)		Y (MAX)	
				MIN		MAX							
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
24	01	1	24	0.38	9.53	0.50	12.70	1.53	38.86	1.25	31.75	1.16	29.46
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	02	1		0.50	12.70	0.63	15.88	1.53	38.86	1.31	33.27	1.25	31.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	03	1		0.63	15.88	0.75	19.05	1.53	38.86	1.38	35.05	1.38	35.05
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	04	1		0.75	19.05	0.88	22.23	1.53	38.86	1.50	38.10	1.50	38.10
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	05	1		0.88	22.23	1.00	25.40	1.53	38.86	1.63	41.40	1.63	41.40
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	06	1		1.00	25.40	1.13	28.58	1.53	38.86	1.63	41.40	1.75	44.45
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				
	07	1		1.13	28.58	1.25	31.75	1.53	38.86	1.63	41.40	1.88	47.75
		2						2.53	64.26				
		3						3.53	89.66				
		4						4.53	115.06				

Connector Group - N

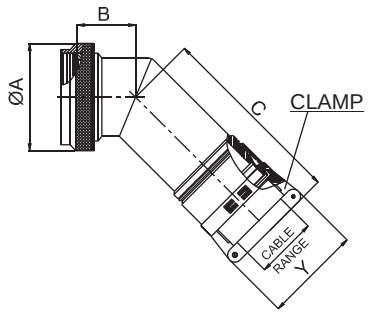
90°, 45°

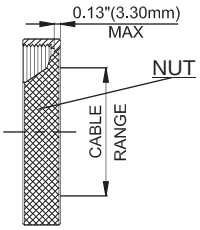


Amphenol Part Number

BV1 X X N 99 99 9 X X

- Series
- Angle
  A: 90deg
  B: 45deg
- Coupling
  R: spin
- Connector group
- Shell size
  See Table-B
- Entry size
  See Table-B
- Length
  9:Not applicable
- End clamp
  C: clamp
  N: nut
- Finish: see Table-2





NOTE: **** For more cable entry options, contact factory***

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
			MIN		MAX													
SHELL SIZE	ENTRY SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	8	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
10	01	10	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
12	01	12	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
14	01	14	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
	04		0.50	12.70	0.63	15.88											1.25	31.75

Table Continued

Connector Group - N

90°, 45°

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
			MIN		MAX													
SHELL SIZE	ENTRY SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
16	01	16	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.38	9.53	0.50	12.70											1.20	30.48
	04		0.50	12.70	0.63	15.88											1.25	31.75
	05		0.63	15.88	0.75	19.05											1.40	35.56
18	01	18	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
20	01	20	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
	06		0.88	22.23	1.00	25.40											1.65	41.91
22	01	22	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.10	27.94
	02		0.38	9.53	0.50	12.70											1.20	30.48
	03		0.50	12.70	0.63	15.88											1.25	31.75
	04		0.63	15.88	0.75	19.05											1.40	35.56
	05		0.75	19.05	0.88	22.23											1.50	38.10
	06		0.88	22.23	1.00	25.40											1.65	41.91
	07		1.00	25.40	1.13	28.58											1.75	44.45
24	01	24	0.38	9.53	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.20	30.48
	02		0.50	12.70	0.63	15.88											1.25	31.75
	03		0.63	15.88	0.75	19.05											1.40	35.56
	04		0.75	19.05	0.88	22.23											1.50	38.10
	05		0.88	22.23	1.00	25.40											1.65	41.91
	06		1.00	25.40	1.13	28.58											1.75	44.45
	07		1.13	28.58	1.25	31.75											1.90	48.26

Стандарт Электрон Связь

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

Адрес: 198099, Санкт-Петербург,
Промышленная ул, дом № 19, литера Н,
помещение 100-Н Офис 331