

8466 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information
please call

1-800-Belden1

**Description:**

18 AWG stranded (19x30) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
12	18	19x30	TC - Tinned Copper

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.4318

Outer Shield**Outer Shield Material:**

Outer Shield Material
Unshielded

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.016

Overall Cabling**Overall Cabling Lay Length & Direction:**

Length (mm)	Twists (m.)
95.249625	0.97536

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White
3	Red
4	Green
5	Orange
6	Blue
7	White/Black
8	Red/Black
9	Green/Black
10	Orange/Black
11	Blue/Black
12	Black/White

Overall Nominal Diameter:

10.465 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:

-20°C To +60°C

UL Temperature Rating:

60°C (UL AWM Style 2598)

Bulk Cable Weight:

183.197 Kg/Km

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Max. Recommended Pulling Tension:	1334.460 N
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Min. Bend Radius (Install)/Minor Axis:	104.140 mm
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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG
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CEC/C(UL) Specification:	CMG
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AWM Specification:	UL Style 2598 (300 V 60°C)
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EU CE Mark:	Yes
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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Flame Test

UL Flame Test:	UL1685 FT4 Loading
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C(UL) Flame Test:	FT4
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

85.306

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

20.6703

Max. Operating Voltage - UL:

Voltage

300 V RMS (UL AWM Style 2598)

Max. Recommended Current:

Current

3.5 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8466 060100	30 MT	5.579 KG	CHROME		12 #18 PVC PVC
8466 0601000	305 MT	55.339 KG	CHROME	C	PS3C18 PVC PVC
8466 060250	76 MT	13.721 KG	CHROME	C	12 #18 PVC PVC
8466 060500	152 MT	27.896 KG	CHROME	C	12 #18 PVC PVC

Notes:

C = CRATE REEL PUT-UP.

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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