Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



88104 Multi-Conductor - Low Cap. Computer Cable for EIA RS-232/422/485 Applications



For more Information please call

1-800-Belden1



Description:

24 AWG stranded (7x32) tinned copper conductors, plenum, foam FEP insulation, twisted pairs, overall Beldfoil shield (100% coverage), 24 AWG stranded TC drain wire, fluorocopolymer jacket.

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Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
4	24	7x32	TC - Tinned Copper

Total Number of Conductors:

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
FFEP - Foam Fluorinated Ethylene Propylene	0.015

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Таре	Aluminum Foil-Polyester Tape	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
24	7x32	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVDF - Fluorocopolymer	0.014

Overall Cable

Overall Nominal Diameter: 0.259 in.

Pair

Pair Color Code Chart:

Number	Color			
1 White/Blue & Blue/White				
2	White/Orange & Orange/White			
3	White/Green & Green/White			
4	White/Brown & Brown/White			

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +150°C		
Bulk Cable Weight:	34 lbs/1000 ft.		
Max. Recommended Pulling Tension:	49 lbs.		
Min. Bend Radius/Minor Axis:	2.750 in.		

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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CMP
CMP
Yes
Yes
Yes
04/01/2005
Yes
Yes
Yes
Yes
NFPA 262
FT6
Yes

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
100

Nom. Inductance:



Nom. Capacitance Conductor to Conductor:



Nom. Capacitance Cond. to Other Conductor & Shield:



Nominal Velocity of Propagation:



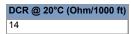
Nominal Delay:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:



Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current
1.54 Amps per conductor @ 25°C

Put Ups and Colors:

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Item #	Putup	Ship Weight	Color	Notes	Item Desc
88104 0081000	1,000 FT	38.000 LB	GRAY	С	4#24 PR FS SOLEF
88104 008500	500 FT	17.000 LB	GRAY	С	4#24 PR FS SOLEF

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 09-20-2012

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