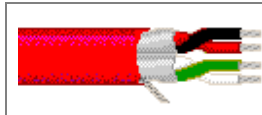


88723 Multi-Conductor - Shielded Twisted Pair Cable



For more Information
 please call
 1-800-Belden1



Description

22 AWG stranded (7x30) tinned copper conductors, FEP insulation, twisted pairs, individually Beldfoil® shielded (100% coverage), 24 AWG stranded (7x32) tinned copper drain wire, FEP jacket.

Physical Characteristics (Overall):

Conductor:

AWG

# Pairs	AWG	Stranding	Conductor Material
2.000	22	7x30	TC - Tinned Copper

Insulation:

Insulation Material

Ins Material
FEP - Fluorinated Ethylene Propylene

Inner Shield:

Inner Shield Material

Inner Shield Trade Name	Type	Inner Shield Material	% Coverage (%)
Beldfoil® (Z-Fold®)	Tape	Aluminum Foil-Polyester Tape	100

Inner Shield Drain Wire AWG

AWG
24

Inner Shield Drain Wire Stranding 7x32

Inner Shield Drain Wire Conductor Material TC - Tinned Copper

Outer Shield:

Outer Shield Material

Outer Shield Material
Unshielded

Outer Jacket:

Outer Jacket Material

Outer Jacket Material
FEP - Fluorinated Ethylene Propylene

Overall Cabling:

Overall Nominal Diameter: .148 in.

Pair:

Pair Color Code Chart

Number	Color
1	Red & Black
2	Green & White

Pair Lay Length & Direction

Lay Length (in.)	Twists/ft. (twist/ft)
1.750	6.850

Mechanical Characteristics (Overall):

Operating Temperature Range -70°C To +200°C

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Bulk Cable Weight:	19.600 lbs/1000 ft.
Max. Recommended Pulling Tension:	46 lbs.
Min. Bend Radius (Install):	1.500 in.

Applicable Specifications and Agency Compliance (Overall):

Applicable Standards:

NEC/(UL) Specification	CMP
CEC/C(UL) Specification	CMP
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy)	04/01/2005

Flame Test:

UL Flame Test	NFPA 262
C(UL) Flame Test	FT6

Plenum/Non-Plenum:

Plenum (Y/N)	Y
Non-Plenum Number	8723

Electrical Characteristics (Overall):

Nom. Characteristic Impedance

Impedance (Ohm)
40.000

Nom. Capacitance Conductor to Conductor

Capacitance (pF/ft)
35.000

Nom. Capacitance Cond. to Other Conductor & Shield

Capacitance (pF/ft)
67.000

Nominal Velocity of Propagation

VP (%)
69

Nom. Conductor DC Resistance

DCR @ 20°C (Ohm/1000 ft)
14.700

Nom. Inner Shield DC Resistance

DCR @ 20°C (Ohm/1000 ft)
15.000

Max. Operating Voltage - UL

Voltage
300 V RMS

Max. Recommended Current

Current
2.3 Amps per conductor @ 25°C

Notes (Overall):

Notes Non.conduit.

PUT UPS AND COLORS:

Item #	Putup	Ship Weight	Jacket Color	Notes	Item Desc
88723 002100	100 FT	3.400 LB	RED	C	2 SH PR #22 FEP FEP RED

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88723 0021000	1,000 FT	19.000 LB	RED	C	2 SH PR #22 FEP FEP RED
88723 002500	500 FT	11.000 LB	RED	C	2 SH PR #22 FEP FEP RED

Notes:

C = CRATE REEL PUT-UP.

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