

## 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	22	7x30	TC - Tinned Copper

#### Insulation

##### Insulation Material:

Insulation 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 Cable

Overall Nominal Diameter: 0.148 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

## 88723 Multi-Conductor - Shielded Twisted Pair Cable

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

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

<b>NEC/(UL) Specification:</b>	CMP
<b>CEC/C(UL) Specification:</b>	CMP
<b>EU CE Mark:</b>	Yes
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	04/01/2005
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes

#### Flame Test

<b>UL Flame Test:</b>	NFPA 262
<b>C(UL) Flame Test:</b>	FT6

#### Plenum/Non-Plenum

<b>Plenum (Y/N):</b>	Yes
<b>Non-Plenum Number:</b>	8723

### Electrical Characteristics (Overall)

#### Nom. Characteristic Impedance:

Impedance (Ohm)

40

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

35

#### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

67

#### Nominal Velocity of Propagation:

VP (%)

69

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

14.7

#### Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15

#### Max. Operating Voltage - UL:

Voltage

300 V RMS

#### Max. Recommended Current:

Current

2.3 Amps per conductor @ 25°C

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### Notes (Overall)

**Notes:** Non.conduit.

### Related Documents:

No related documents are available for this product

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
88723 002100	100 FT	3.400 LB	RED	C	2 SH PR #22 FEP FEP
88723 0021000	1,000 FT	21.000 LB	RED	C	2 SH PR #22 FEP FEP
88723 002500	500 FT	11.000 LB	RED	C	2 SH PR #22 FEP FEP
88723 0025000	5,000 FT	100.000 LB	RED		2 SH PR #22 FEP FEP

**Notes:**  
C = CRATE REEL PUT-UP.

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