

## 7888A Multi-Conductor - Super-Flexible, High-Performance Cable



For more Information  
please call

1-800-Belden1



### Description:

26 AWG stranded (19x38) bare copper conductor, polyethylene insulation, individually shielded with BC "French Braid", each quad w/26 AWG TC drain wire, color-coded PVC inner jacket w/overall PVC jacket and 20 AWG TC drain wire.

### Physical Characteristics (Overall)

#### Conductor

AWG:

AWG Stranding	Conductor Material	Dia. (in.)
26	19x38	BC - Bare Copper .020

Number of Quads: 16

#### Insulation

Insulation Material:

Insulation Material	Dia. (in.)
PE - Polyethylene	.045

#### Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	.157

Inner Jacket Insulation Resistance: Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray, White, Black, Tan, Pink, Gray (numbered)

#### Inner Jacket Color Code Chart:

Number	Color
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple
8	Gray
9	White
10	Black
11	Tan
12	Pink
13-16	Gray (numbered)

#### Quad Inner Jacket

Quad Inner Jacket Color Code Chart:

Number	Color
1	Blue
2	White
3	Blue w/White Stripe
4	White w/Blue Stripe

#### Outer Shield

Outer Shield Drain Wire AWG:

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**AWG Stranding Drain Wire Conductor Material**

20	19x32	TC - Tinned Copper
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**Quad Shield**

<b>Quad Shield Material Type:</b>	French Braid
<b>Quad Shield Material:</b>	BC - Bare Copper
<b>Quad Shield %Coverage:</b>	95 %
<b>Quad Shield Drain Wire AWG:</b>	26
<b>Quad Shield Drain Wire Stranding:</b>	7x38
<b>Quad Shield Drain Wire Conductor Material:</b>	TC - Tinned Copper

**Outer Jacket**

Outer Jacket Material:

**Outer Jacket Material**

PVC - Polyvinyl Chloride
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**Overall Cable**

Overall Cabling Color Code Chart:

Number	Color
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple
8	Gray
9	White
10	Black
11	Beige
12	Pink
13-16	Gray (Numbered)

Overall Nominal Diameter: 0.938 in.

**Mechanical Characteristics (Overall)**

<b>Operating Temperature Range:</b>	-40°C To +60°C
<b>Bulk Cable Weight:</b>	468 lbs/1000 ft.
<b>Max. Recommended Pulling Tension:</b>	713 lbs.
<b>Min. Bend Radius (Install)/Minor Axis:</b>	9.500 in.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

<b>EU CE Mark:</b>	No
<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>	01/01/2004
<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

**Plenum/Non-Plenum**

Plenum (Y/N): No

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## Electrical Characteristics (Overall)

## Nom. Characteristic Impedance:

Impedance (Ohm)

40

## Nom. Inductance:

Inductance (μH/ft)

.21

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

Capacitance (pF/ft)

39.2

## Nom. Cap. Between Cond. in a Quad Config.:

Capacitance (pF/ft)

57.4

## Nominal Velocity of Propagation:

VP (%)

66

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

36

## Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.8

## Max. Operating Voltage - UL:

Voltage

100 V RMS

## Max. Recommended Current:

Current

1 Amp per conductor @ 25°C

## Other Electrical Characteristic 1:

2/c 22 AWG equivalent DCR when connected to a 3-pin XLR.

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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