

7884A Multi-Conductor - Super-Flexible, High-Performance Cable



Call
 Customer Service
1-800-BELDEN1

For more Information
 please call

1-800-Belden1

**General 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. (mm)
26	19x38	BC - Bare Copper	0.508

Total Number of Conductors: 8

Number of Quads: 2

Insulation**Insulation Material:**

Insulation Material	Dia. (mm)
PE - Polyethylene	1.143

Inner Jacket**Inner Jacket Material:**

Inner Jacket Material	Nom. Dia. (mm)
PVC - Polyvinyl Chloride	3.9878

Inner Jacket Insulation Resistance: Brown, Red

Inner Jacket Color Code Chart:

Number	Color
1	Brown
2	Red

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:**

AWG	Stranding	Drain Wire Conductor Material
20	19x32	TC - Tinned Copper

Quad Shield

Quad Shield Material Type: French Braid

Quad Shield Material: BC - Bare Copper

Quad Shield %Coverage: 95 %

Quad Shield Drain Wire AWG: 26

Quad Shield Drain Wire Stranding: 7x38

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Quad Shield Drain Wire Conductor Material: TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material

PVC - Polyvinyl Chloride

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Brown
2	Red

Overall Nominal Diameter: 11.633 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +60°C

Bulk Cable Weight: 126.497 Kg/Km

Max. Recommended Pulling Tension: 395.890 N

Min. Bend Radius/Minor Axis: 120.650 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU CE Mark: No

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2004

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

40

Nom. Inductance:

Inductance (µH/m)

0.68901

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)

128.615

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

Capacitance (pF/m)

188.329

Nominal Velocity of Propagation:

VP (%)

66

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

118.116

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Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/km)
22.3108

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

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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Test Reports

a) UL

- i) UL Test Reports are available on-line through the UL Client Document Access web portal.
- ii) UL Inspection Reports are also available through the UL Client Document Access web portal.

b) CSA

- i) CSA "Descriptive Report and Test Results" documents are available on the CSA Gateway Portal.
- ii) CSA Inspection Reports are maintained on the CSA issued 'flash drive' at each manufacturing location.

* other test data may be available if requested at time of order.

Revision Number: 1 Revision Date: 12-11-2008

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