

7886A Multi-Conductor - Super-Flexible, High-Performance Cable



**Obsolete
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1-800-BELDEN1**

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: 8

Insulation

Insulation Material:

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

Inner Shield

Inner Shield Material:

Coverage (%)
95

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

Inner Jacket Color Code Chart:

Number	Color
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple
8	Gray

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
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20	19x32	TC - Tinned Copper
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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
Quad Shield Drain Wire Conductor Material:	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cabling

Overall Nominal Diameter:	0.782 in.
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Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +60°C
Bulk Cable Weight:	318 lbs/1000 ft.
Max. Recommended Pulling Tension:	356 lbs.
Min. Bend Radius (Install)/Minor Axis:	8 in.

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
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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 & Shield:

Capacitance (pF/ft)
39.2

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

Capacitance (pF/ft)
57.4

Nominal Velocity of Propagation:

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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.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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