

7992A Multi-Conductor - Vehicle Detector Cable



For more Information
please call

1-800-Belden1

**Description:**

18 AWG stranded (7x26) bare copper conductors, polypropylene insulation, interstices filled w/polyethylene adhesive, Beldfoil® shield, high density polyethylene jacket.

Usage (Overall)

Suitable Applications:

Vehicle Detection Systems, Traffic Signal Control, Detector

Physical Characteristics (Overall)**Conductor**

AWG:

# Conductors	AWG	Stranding	Conductor Material
4	18	7x26	BC - Bare Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	.010

Outer Shield

Outer Shield Material:

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

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
HDPE - High Density Polyethylene	.032

Overall Cable

Overall Cabling Lay Length & Direction:

Length (in.)	Twists (ft.)
2.750	4.300

Overall Cabling Color Code Chart:

Number	Color
1	Red
2	Green
3	Black
4	White

Overall Nominal Diameter:

0.232 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:

-20°C To +60°C

Bulk Cable Weight:

36 lbs/1000 ft.

Max. Recommended Pulling Tension:

100 lbs.

Min. Bend Radius (Install)/Minor Axis:

2.400 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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

Suitability

Suitability - Outdoor:	Yes
Suitability - Burial:	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No
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Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (μH/ft)
0.160

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.5

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
8.5

Max. Operating Voltage - Non-UL:

Voltage
600 V RMS

Max. Recommended Current:

Current
5 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
7992A 0105000	5,000 FT	210.000 LB	BLACK	C	4 #18 PP FS HDPE

Notes:

C = CRATE REEL PUT-UP.

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