

7993A Multi-Conductor - Vehicle Detector Cable



For more Information
please call

1-800-Belden1



General Description:

18 AWG stranded (7x26) bare copper conductors, polypropylene insulation, interstices filled w/polyethylene adhesive, polyester tape, 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

Total Number of Conductors: 4

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.254

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
HDPE - High Density Polyethylene	0.6604

Overall Cable

Overall Cabling Lay Length & Direction:

Length (mm)
101.5996

Overall Cabling Color Code Chart:

Number	Color
1	Red
2	Green
3	Black
4	White

Overall Cabling Separator Material: Polyester

Overall Cabling Separator Thickness: 0.051 mm

Overall Nominal Diameter: 5.537 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +60°C

Max. Recommended Pulling Tension: 444.820 N

Min. Bend Radius/Minor Axis: 55.880 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2005
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)

Surface Printing:	"BELDEN 7993A VEHICLE DETECTOR CABLE YYYY"
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Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
21.3265

Max. Operating Voltage - Non-UL:

Voltage
600 V RMS

Max. Recommended Current:

Current
5 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
7993A 0105000	5,000 FT	175.000 LB	BLACK	C	4 #18 PP HDPE

Notes:

C = CRATE REEL PUT-UP.

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