Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9890 Multi-Conductor - Direct Burial Cable



For more Information please call

1-800-Belden1



General Description:

20 AWG solid TC conductors, conductors cabled, polypropylene insulation, overall Beldfoil® shield (100% coverage), 22 AWG solid TC drain wire, HDPE jacket.

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Physical Characteristics (Overall) Conductor					
AWG:					
# Conductors AWG Stranding Conductor Material 10 20 Solid TC - Tinned Copper					
Total Number of Conductors:	10				
Insulation					
Insulation Material:					
PP - Polypropylene 0.13					
Outer Shield Outer Shield Material:					
Outer Shield Trade Name Type Outer Shield Material Cov Beldfoil® Tape Aluminum Foil-Polyester Tape 100	verage (%)				
Outer Shield Drain Wire AWG:					
AWG Stranding Drain Wire Conductor Material 22 Solid TC - Tinned Copper					
Outer Jacket Outer Jacket Material:					
Outer Jacket Material Nom. Wall Thickness (in.)					
HDPE - High Density Polyethylene .040					
Overall Cable					
Overall Cabling Color Code Chart: Color					
Black					
White					
Red					
Green					
Brown					
Blue					
Orange					
Yellow Purple					
Gray					
Overall Nominal Diameter:	0.310 in.				
Mechanical Characteristics (Overall)					
Operating Temperature Range:	-40°C To +80°C				
Bulk Cable Weight:	60 lbs/1000 ft.				
Max. Recommended Pulling Tension:	124 lbs.				
Min. Bend Radius/Minor Axis:	3.250 in.				
Applicable Specifications and Agency Compliance (Ov	verall)				
Applicable Standards & Environmental Programs					
EU Directive 2011/65/EU (ROHS II):	Yes				
EU CE Mark:	Yes				
EU Directive 2000/53/EC (ELV):	Yes				

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	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. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
23

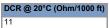
Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)	l
42	l

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Nominal Outer Shield DC Resistance:



Max. Operating Voltage - Non-UL:

Voltage 350 V RMS

Max. Recommended Current:

2.7 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9890 0101000	1,000 FT	65.000 LB	BLACK	С	10 #20 PP SHLD PE
9890 010500	500 FT	33.000 LB	BLACK	С	10 #20 PP SHLD PE

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 11-13-2012

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product.
Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

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