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.

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 .013						
Outer Shield Outer Shield Material:						
Outer Shield Trade Name Type Outer Shield Material Coverage Beldfoil® Tape Aluminum Foil-Polyester Tape 100	(%)					
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	C To +80°C					
Bulk Cable Weight: 60 lb	ss/1000 ft.					
Max. Recommended Pulling Tension: 124	bs.					
Min. Bend Radius/Minor Axis: 3.250	J in.					
Applicable Specifications and Agency Compliance (Overall	()					
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
Ple	num/Non-Plenum	
	Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
23

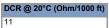
Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)	ı
42	

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 2014/35/EU).

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