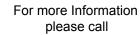
Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9890 Multi-Conductor - Direct Burial Cable



1-800-Belden1



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

Insulation

Insulation Material:



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 Lay Length & Direction:

Length (in.)	Twists (ft.)
3.0	4

Overall Cabling Color Code Chart:



Overall Nominal Diameter:

0.310 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:

-40°C To +80°C

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9890 Multi-Conductor - Direct Burial Cable

Bulk Cable Weight:	59.500 lbs/1000 ft.		
Max. Recommended Pulling Tension:	124 lbs.		
Min. Bend Radius (Install)/Minor Axis:	3.100 in.		

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU CE Mark:	Yes
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
num/Non-Plenum	

Ple

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:



Nom. Capacitance Cond. to Other Conductor & Shield:



Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Max. Operating Voltage - UL:

Voltage 350 V RMS

Max. Recommended Current:

Current 2.7 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
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.



Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9890 Multi-Conductor - Direct Burial Cable

Revision Number: 1 Revision Date: 04-16-2010

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