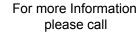
Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1818P Multi-Conductor - CMP Rated Cable



1-800-Belden1



Description:

22 AWG stranded (7x30) TC conductor, polyolefin insulation, individually shielded with bonded Beldfoil®, numbered/color-coded solef jackets, jackets and shields are bonded so both strip simultaneously, overall fluorocopolymer jacket and nylon rip cord.

Usage (Overall)

Suitable Applications:

Outdoor Applications, Sports Stadium

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
12	22	7x30	TC - Tinned Copper	0.030

Insulation

Insulation Material:



Inner Shield

Inner Shield Material:

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

Inner Shield Drain Wire AWG:



Inner Shield Drain Wire Stranding: 7x30

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (in.)
PVDF	0.119

Outer Jacket

Outer Jacket Material:

Outer Jacket Material PVDF

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Gray #1
2	Gray #2
3	Gray #3
4	Gray #4
5	Gray #5
6	Gray #6

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7	Gray #7	
8	Gray #8	
9	Gray #9	
10	Gray #10	
11	Gray #11	
12	Gray #12	

Overall Nominal Diameter: 0.524 in.

Pair

Pair Color Code Chart:

Color Red & Black

Mechanical	Characteristics	(Overall)

Operating Temperature Range:	-40°C To +150°C	
Bulk Cable Weight:	144 lbs/1000 ft.	
Max. Recommended Pulling Tension:	365 lbs.	
Min. Bend Radius (Install)/Minor Axis:	5.250 in.	

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

Applicable Glaridardo & Elivirolinioniai i rog	jiumo
NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
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):	12/01/2011
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
lame Test	
UL Flame Test:	UL910 Plenum
CSA Flame Test:	FT6
Suitability	
Suitability - Indoor:	Voc

Suit

Suitability - Indoor: Yes

Plenum/Non-Plenum

Plenum (Y/N): Yes Non-Plenum Number: 1818R

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

Nominal Velocity of Propagation:



Detailed Specifications & Technical Data

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Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Ind. Pair Nominal Shield DC Resistance @ 20

10.800 Ohm/1000 ft

Dea. C:

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

1.45 Amps per conductor @ 25°C

Notes (Overall)

Notes: Pair jackets and shields are bonded so both strip simultaneously with automatic stripping equipment. Beldfoil® provides high reliability with ease of termination.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item # Putup Ship Weight	Color Note	s Item Desc
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Revision Number: 0 Revision Date: 12-16-2011

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