Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



1818R Multi-Conductor - CMR Rated Cable



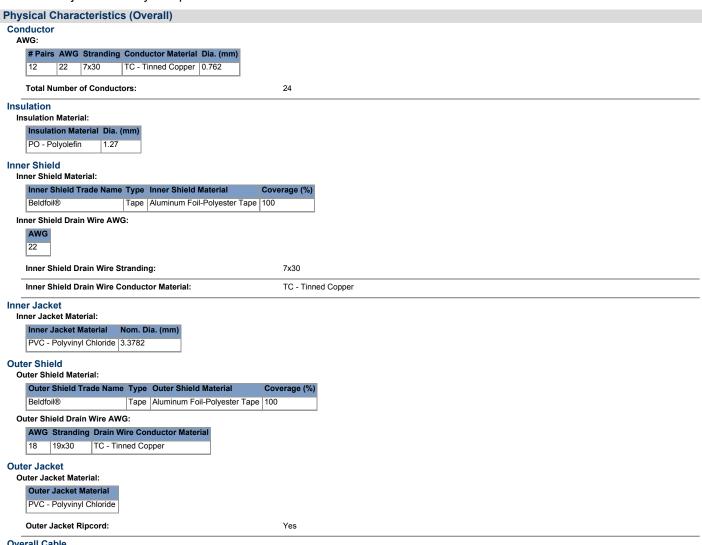
For more Information please call

1-800-Belden1



General Description:

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



Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple
8	Gray
9	White

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10	Black
11	Tan
12	Pink

Overall Nominal Diameter:

16.205 mm

Pair

Pair Color Code Chart:



echanical Characteristics (Overall)		
Operating Temperature Range:	-20°C To +60°C	
Bulk Cable Weight:	334.845 Kg/Km	
Max. Recommended Pulling Tension:	1623.590 N	
Min. Bend Radius/Minor Axis:	165.100 mm	
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Applicable	Standards	&	Environmental	Programs
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NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	CMG
EU Directive 2011/65/EU (ROHS II):	Yes
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

est

UL Flame Test: UL1666 Riser CSA Flame Test: FT4 Plenum/Non-Plenum

Plenum (Y/N): No Plenum Number: 1818P

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

Nom. Inductance:

Inductance (µH/m) 0.59058

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 101.711

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m) 183.736

Nominal Velocity of Propagation:

VP (%) 66

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km) 38.7158

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46.262 Ohm/km Ind. Pair Nominal Shield DC Resistance @ 20 Deg. 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.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1818R 0101000	1,000 FT	241.000 LB	BLACK	С	12 #22 FS PR PVC FS PVC
1818R 010500	500 FT	121.000 LB	BLACK	С	12 #22 FS PR PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 08-23-2012

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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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