Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1815R 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.

Physical Characteristics (Overall) Conductor ANG: Filair ANG Stranding Conductor Material Dia (In) 4 22 7-50 Tic - Timed Copper 0.50 Total Number of Coor Insulation Material Dia (In) Po - Polypoffin 0.50 Polyp	State 10 Jacket and Hylori hip Gord.
File Auto Conductor Material Dia (In)	Physical Characteristics (Overall)
Total Number of Conductors: 8 Insulation Insulation Material: Insulati	
Total Number of Conductors: 8 Insulation Insulation Insulation Material: Insulation Material	# Pairs AWG Stranding Conductor Material Dia. (in.)
Insulation Insulation Material: insulation Material:	4 22 7x30 TC - Tinned Copper .030
Insuation Material: Insuation Material Dia (III) PO - Polyciefin 056 PO - Polyciefin 056 Inner Shield Material: Inner Shield Material Coverage (%) Bedford	Total Number of Conductors: 8
Inner Shield Material:	
Po - Polyolefin 056	
Inner Shield Trade Name Type Inner Shield Material Coverage (%) Beld of Trade Name Type Inner Shield Drain Wire AWG: Inner Shield Drain Wire AWG: Inner Shield Drain Wire Stranding: 7,x30	
Inner Shield Drain Wire AWG: AWG 22	
Inner Shield Drain Wire AWG: AWG	Inner Shield Trade Name Type Inner Shield Material Coverage (%)
Inner Shield Drain Wire Stranding: 7x30 Inner Shield Drain Wire Conductor Material: TC - Tinned Copper	Beldfoil® Tape Aluminum Foil-Polyester Tape 100
Inner Shield Drain Wire Stranding: 7x30 Inner Shield Drain Wire Conductor Material: TC - Tinned Copper Inner Jacket Inner Jacket Inner Jacket Material: Outer Shield Material: Outer Shield Drain Wire Conductor Shield Material Outer Shield Drain Wire AWG: AWG Stranding Drain Wire Conductor Material Is I9x30 TC - Tinned Copper Outer Jacket Material: Outer Jacket Material: Outer Jacket Material: Outer Jacket Material: Outer Jacket Ripcord: Yes Overall Cabling Overall Cabling Color Code Chart: Number Color I Brown 2 Red 3 Orange 4 Yellow	Inner Shield Drain Wire AWG:
Inner Jacket Inner Jacket Material: Outer Shield Outer Shield Material: Outer Shield Trade Name Type Outer Shield Material Coverage (%) Bedfoil® Tape Aluminum Foil-Polyester Tape 100 Outer Shield Drain Wire AWG: AWG Stranding Drain Wire Conductor Material 8 19x30 TC - Tinned Copper Outer Jacket Material: Outer Jacket Material: Outer Jacket Material: PVC - Polyvinyl Chlonde Outer Jacket Ripcord: Yes Overall Cable Overall Cabling Color Code Chart: Number Color 1 Brown 2 Red 3 Orange 4 Yellow	
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Outer Jacket Ripcord: Overall Cable Overall Cabling Color Code Chart: Number Color 1 Brown 2 Red 3 Orange 4 Yellow	
Overall Cable Overall Cabling Color Code Chart: Number Color 1 Brown 2 Red 3 Orange 4 Yellow	
Overall Cabling Color Code Chart: Number Color 1 Brown 2 Red 3 Orange 4 Yellow	Outer Jacket Ripcord: Yes
Number Color 1 Brown 2 Red 3 Orange 4 Yellow	
1 Brown 2 Red 3 Orange 4 Yellow	
2 Red 3 Orange 4 Yellow	
3 Orange 4 Yellow	
Overall Nominal Diameter: 0.384 in.	4 Yellow
	Overall Nominal Diameter: 0.384 in.

Pair

Pair Color Code Chart:

Color

Page 1 of 3 10-30-2014

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1815R Multi-Conductor - CMR Rated Cable

Red & Black

Operating Temperature Range:	-20°C To +60°C						
Bulk Cable Weight:	84 lbs/1000 ft.						
Max. Recommended Pulling Tension:	109 lbs.						
Min. Bend Radius/Minor Axis:	us/Minor Axis: 4 in.						
oplicable Specifications and Agency Comp	liance (Overall)						
pplicable Standards & Environmental Programs							
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						
ame Test							
UL Flame Test:	UL1666 Riser						
CSA Flame Test:	FT4						
lenum/Non-Plenum							
Plenum (Y/N):	No						
Plenum Number:	1815P						

Nom. Characteristic Impedance:



Nom. Inductance:

Inductance (µH/ft)
.18

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
56

Nominal Velocity of Propagation:

VP (%) 66

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 14.8

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 11.8

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 14.100 Ohm/1000 ft

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current
1.45 Amps per conductor @ 25°C

Page 2 of 3 10-30-2014

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



1815R Multi-Conductor - CMR Rated Cable

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
1815R 0101000	1,000 FT	91.000 LB	BLACK	С	4 #22 FS PR PVC FS PVC
1815R 010500	500 FT	45.000 LB	BLACK	С	4 #22 FS PR PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 10-04-2012

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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.

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Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001 Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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