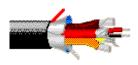
Detailed Specifications & Technical Data



1512C Multi-Conductor - Flexible, CM Rated Cable



For more Information please call

1-800-Belden1



General Description:

24 AWG stranded (7x32) TC conductor, polyolefin insulation, individually shielded Beldfoil® (100% coverage) numbered/color-coded PVC jackets, jackets and shields bonded to strip simultaneously, overall Beldfoil shield and 24 AWG TC drain wire.

Physical Characteristics (Overall)					
Conductor					
AWG:	_				
# Pairs AWG Stranding Conductor Material Dia. (mm)					
8 24 7x32 TC - Tinned Copper 0.6096					
Total Number of Conductors:	16				
Insulation Insulation Material:					
Insulation Material Wall Thickness (mm) Dia. (mm)					
PO - Polyolefin 0.2032 1.016					
Inner Shield Inner Shield Material:					
Inner Shield Trade Name Type Inner Shield Material	Coverage (%)				
Beldfoil® Tape Aluminum Foil-Polyester	r Tape 100				
AWG 24 Inner Shield Drain Wire Stranding:	7x32				
Inner Shield Drain Wire Conductor Material:	TC - Tinned Copper				
Inner Jacket					
Inner Jacket Material:					
Inner Jacket Material Nom Wall (mm) Nom. Dia. (mr	n)				
PVC - Polyvinyl Chloride0.35562.8194					
Outer Shield					
Outer Shield Material: Outer Shield Trade Name Type Outer Shield Material	Coverage (%)				
Beldfoil® Tape Aluminum Foil-Polyeste					
Outer Shield Drain Wire AWG:					
AWG Stranding Drain Wire Conductor Material					
18 7x26 TC - Tinned Copper					
Outer Jacket					
Outer Jacket Material:					
Outer Jacket Material Nom. Wall Thickness (mm)					
PVC - Polyvinyl Chloride 0.8382					
Outer Jacket Ripcord:	Yes				
Overall Cable Overall Cabling Color Code Chart:					

Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

1512C Multi-Conductor - Flexible, CM Rated Cable

Number Color 1 Berong 2 Read 3 Orange 4 Yellow 5 Gues 7 Purple 8 Grass 9 Color Code Chart: 10 Fred & Black 10 Immediate Range: -35°C To +75°C Buik Cable Weight: 174.118 Kg/km Max. Recommended Pulling Tension: 676.126 N Min. Band Radius/Minor Axis: 114.300 nm Min. Band Radius/Minor Axis: 114.300 nm CEC/C(UL) Specification: CM CEC/C(UL) Specification: CM CEC/C(UL) Specification: CM CEC/C(UL) Specification: CM EU Directive 2002/95/EC (RelS): Yes EU Directive 2002/95/EC (RelS): Yes EU Directive 2002/95/EC (RelS):			
Image: Section of Compared and Sectin of Compar			
3 Overage 4 4 Vertice 5 5 Green 6 6 Blue 7 7 Purple 8 9 Grey Vorrall Nominal Diamoter: 11481 mm 11481 mm arrow Pair Color Code Chart: Color Field & Black Operating Temperature Range: 35°C To +75°C Bulk Cable Weight: 174.119 Kg/Km Max. Recommended Pulling Tension: 676.126 N Min. Bend Radius/Minor Axis: 114.300 mm Policable Specifications and Agency Compliance (Overall) pplicable Specification: CM CEC/C(UL) Specification: CM EU Directive 2000/53/EC (ELV): Yes EU Directive 2000/53/EC (RoHS II): Yes EU Directive 2000/53/EC (RoHS): Yes EU Directive 2000/53/EC (RoHS): Yes EU Directive 2000/53/EC (RoHS): Yes EU Directive 2002/96/EC (WEEE): Yes EU Directive 2002/96/EC (WEEE): Yes EU Directive 2002/96/EC (WEEE): Yes MEC(I on Wire & Cable): Yes Min Order #39 (C			
4 Velow 5 Green 7 Purple 8 Green 7 Purple 8 Green 7 Purple 9 Green 7 Purple 9 Green 7 Purple 9 Green 8 Green 8 Green 9 Green 8 Green 9 Green 9 <t< td=""><td></td><td></td><td></td></t<>			
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6 Bue Gray Overall Nominal Diameter: 11.481 mm Ir Part Color Code Chart: Color Red & Black Color Red & Black Status chanical Characteristics (Overall) Operating Temperature Range: -35°C To +75°C Bulk Cable Weight: 174.119 Kg/Km Max. Recommended Pulling Tension: 676.128 N Min. Bend Radius/Minor Axis: 114.300 mm plicable Specifications and Agency Compliance (Overall) Opplicable Standards & Environmental Programs NEC/(UL) Specification: CM CEC/C(UL) Specification: CM EU Directive 2011/65/EU (ROHS II): Yes EU Directive 2005/3/EC (ELV): Yes EU Directive 2002/96/EC (WHEE): Yes CA Prop 65 (CJ for Wire & Cable): Yes <th></th> <th></th> <th></th>			
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Capacitance (pF/m)			
Capacitance (pF/m)			
101.711		ce (pF/m)	
	101.711		
m. Capacitance Cond. to Other Conductor & Shield:	m. Capac	itance Cond. to Other Conductor & S	hield:
Capacitance (pF/m)	Capacitanc	ce (pF/m)	

190.298

Nominal Velocity of Propagation:

VP (%) 66



1512C Multi-Conductor - Flexible, CM Rated Cable

Nom. Conductor DC Resistance:

m)

METRIC MEASUREMENT VERSION

DCR	@ 20°C	(Ohm/k

76.4473

Ind. Pair Nominal Shield DC Resistance @ 20 52.168 Ohm/km

Deg. C:

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

1.05 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1512C B591000	1,000 FT	124.000 LB	BLACK, MATTE	С	8 PR #24 PO FS PVC FS PVC
1512C B59500	500 FT	65.500 LB	BLACK, MATTE	С	8 PR #24 PO FS PVC FS PVC
1512C B595000	5,000 FT	705.000 LB	BLACK, MATTE		8 PR #24 PO FS PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 08-28-2012

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