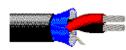
Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

1503A Multi-Conductor - Single-Pair Cable



For more Information please call

1-800-Belden1



General Description:

22 AWG stranded (7x30) TC conductors, PVC insulation, twisted pair, overall Beldfoil shield (100% coverage), 24 AWG stranded TC drain wire, PVC jacket.

Physical Characteristics (Overall) Conductor	
AWG:	
# Pairs AWG Stranding Conductor Material	
1 22 7x30 TC - Tinned Copper	
Total Number of Conductors:	2
Insulation	
Insulation Material:	
Insulation Material Wall Thickness (in.)	
PVC - Polyvinyl Chloride .010	
Outer Shield	
Outer Shield Material:	
Outer Shield Trade Name Type Outer Shield Mate	
Beldfoil® Tape Aluminum Foil-Pol	lyester Tape 100
Outer Shield Drain Wire AWG:	
AWG Stranding Drain Wire Conductor Material	
24 7x32 TC - Tinned Copper	
Outer Jacket	
Outer Jacket Material:	
Outer Jacket Material Nom. Wall Thickness (in.)	
PVC - Polyvinyl Chloride .020	
Overall Cable	
Overall Nominal Diameter:	0.142 in.
Pair	
Pair Color Code Chart:	
Number Color	
1 Black & Red	
lechanical Characteristics (Overall)	
Operating Temperature Range:	-30°C To +90°C
UL Temperature Rating:	60°C
Bulk Cable Weight:	14 lbs/1000 ft.
Max. Recommended Pulling Tension:	25 lbs.
Min. Bend Radius/Minor Axis:	1.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:

CMR

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

1503A Multi-Conductor - Single-Pair Cable

	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):	04/01/2005					
	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					
Fla	me Test						
	UL Flame Test:	UL1666 Riser					
Ple	enum/Non-Plenum						
	Plenum (Y/N):	No					
Ele	ctrical Characteristics (Overall)						
_	m. Characteristic Impedance:						
	Impedance (Ohm) 38						
L.	m. Inductance:						
	Inductance (µH/ft)						
	.18						
_	m. Capacitance Conductor to Conductor:						
	Capacitance (pF/ft) 53						
	Nom. Capacitance Cond. to Other Conductor & Shield:						
	Capacitance (pF/ft) 97						
	minal Velocity of Propagation:						
	66						
-	minal Delay:						
	Delay (ns/ft) 1.5						
No	m. Conductor DC Resistance:						
	DCR @ 20°C (Ohm/1000 ft) 14.7						
No	minal Outer Shield DC Resistance:						
	DCR @ 20°C (Ohm/1000 ft) 18						
Ма	x. Operating Voltage - UL:						
	Voltage 300 V RMS						
Ма	Max. Recommended Current:						
	Current 2.9 Amps per conductor @ 25°C						
Put	Ups and Colors:						

Item #

Ship Weight Color

Notes Ite

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

1503A Multi-Conductor - Single-Pair Cable

1503A N3UU1000	1,000 FT	16.000 LB	GREEN, MIL	2 #22 PVC FS FRPVC
1503A 001U1000	1,000 FT	16.000 LB	BROWN	2 #22 PVC FS FRPVC
1503A 002U1000	1,000 FT	16.000 LB	RED	2 #22 PVC FS FRPVC
1503A 003U1000	1,000 FT	16.000 LB	ORANGE	2 #22 PVC FS FRPVC
1503A 004U1000	1,000 FT	16.000 LB	YELLOW	2 #22 PVC FS FRPVC
1503A 006U1000	1,000 FT	16.000 LB	BLUE, LIGHT	2 #22 PVC FS FRPVC
1503A 007U1000	1,000 FT	16.000 LB	VIOLET	2 #22 PVC FS FRPVC
1503A 008U1000	1,000 FT	16.000 LB	GRAY	2 #22 PVC FS FRPVC
1503A 009U1000	1,000 FT	16.000 LB	WHITE	2 #22 PVC FS FRPVC
1503A 010U1000	1,000 FT	16.000 LB	BLACK	2 #22 PVC FS FRPVC

Revision Number: 1 Revision Date: 08-13-2012

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