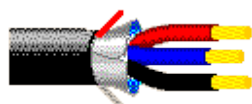


For more Information
please call

1-800-Belden1



Description:

18 AWG triads stranded (7x26) bare copper conductors, twisted triads, PVC/Nylon insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Triads	AWG	Stranding	Conductor Material
1	18	7x26	BC - Bare Copper

Insulation

Insulation Material:

Insulation Material
PVC/Nylon - Polyvinyl Chloride/Nylon

Inner Shield

Inner Shield Color Code Chart:

Number	Color
1	Black & Red & Blue

Outer Shield

Outer Shield Material:

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

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
20	7x28	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.2192

Outer Jacket Ripcord: Yes

Overall Cabling

Overall Nominal Diameter: 7.163 mm

Mechanical Characteristics (Overall)

Wet Temperature Range: -30°C To +75°C

Dry Temperature Range: -30°C To +90°C

Bulk Cable Weight: 66.969 Kg/Km

Max. Recommended Pulling Tension: 400.338 N

Min. Bend Radius (Install)/Minor Axis: 69.850 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: NPLF, TC, UL 1277

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
Other Specification:	ICEA S-73-532, S-61-402

Flame Test

UL Flame Test:	UL1685 UL Loading
C(UL) Flame Test:	FT4
IEEE Flame Test:	1202
ICEA Flame Test:	T-29-520

Suitability

Suitability - Burial:	Yes
Sunlight Resistance:	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m)	0.652919
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Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)	276.26
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Nom. Mutual Capacitance:

Capacitance (pF/m)	155.191
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Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)	19.2267
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Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)	24.4763
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Max. Operating Voltage - UL:

Voltage	600 V RMS (NEC Type TC)
	150 V RMS (NPLF)

Notes (Overall)

Notes: Alternate color coding available upon request.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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1121A 0101000	305 MT	24.948 KG	BLACK	C Z	3 #18 PVC/NYL FS PVC
1121A 0101000	3,048 MT	263.085 KG	BLACK	C Z	3 #18 PVC/NYL FS PVC
1121A 010500	152 MT	13.154 KG	BLACK	C Z	3 #18 PVC/NYL FS PVC

Notes:

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

Revision Number: 1 Revision Date: 05-14-2007

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