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1-800-Belden1



General Description:

22 AWG triads stranded (7x30) tinned copper conductors, twisted triads, PVC insulation, overall Beldfoil shield (100% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Triads	AWG	Stranding	Conductor Material
1	22	7x30	TC - Tinned Copper

Total Number of Conductors: 3

Insulation

Insulation Material:

Insulation Material	Dia. (mm)
PVC - Polyvinyl Chloride	1.5748

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
22	7x30	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.9398

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black & White & Red

Overall Nominal Diameter: 5.283 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +105°C

UL Temperature Rating: 105°C

Bulk Cable Weight: 38.693 Kg/Km

Max. Recommended Pulling Tension: 128.998 N

Min. Bend Radius/Minor Axis: 50.800 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG, ITC-ER, PLTC-ER
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2464 (300 V 80°C)
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

METRIC MEASUREMENT VERSION

9363 Triad - 300V Power-Limited Tray Cable

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

Flame Test

UL Flame Test:	UL1685 FT4 Loading
C(UL) Flame Test:	FT4
IEEE Flame Test:	1202

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Burial:	Yes
Sunlight Resistance:	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No
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Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance ($\mu\text{H/m}$)
0.68901

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)
147.645

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
85.306

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
49.215

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
196.86

Max. Operating Voltage - UL:

Voltage
300

Max. Recommended Current:

Current
3.8 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9363 060U1000	1,000 FT	26.000 LB	CHROME		3 #22 PVC SHLD PVC
9363 060U500	500 FT	13.500 LB	CHROME		3 #22 PVC SHLD PVC
9363 0602500	2,500 FT	65.000 LB	CHROME		3 #22 PVC SHLD PVC
9363 0605000	5,000 FT	125.000 LB	CHROME	C Z	3 #22 PVC SHLD 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.

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