



**Obsolete
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1-800-BELDEN1**

For more Information
please call

1-800-Belden1

Description:

22 AWG pairs, stranded (7x30) tinned copper conductors, twisted pairs, F-R PVC insulation, overall 100% Beldfoil® shield, F-R PVC jacket with ripcord.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
51	22	7x30	TC - Tinned Copper

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
F-R PVC - Flame Retardant Polyvinyl Chloride	.062

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 (in.)
F-R PVC - Flame Retardant Polyvinyl Chloride	.074

Outer Jacket Ripcord:

Yes

Overall Cabling

Overall Nominal Diameter:

1.017 in.

Pair

Pair Color Code Chart:

Number	Color
1	Black & Red and Numbered
2	Black & Red and Numbered
3	Black & Red and Numbered
4	Black & Red and Numbered
5	Black & Red and Numbered
6	Black & Red and Numbered
7	Black & Red and Numbered
8	Black & Red and Numbered
9	Black & Red and Numbered
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16	Black & Red and Numbered
17	Black & Red and Numbered
18	Black & Red and Numbered
19	Black & Red and Numbered
20	Black & Red and Numbered

9551 Multi-Conductor - 300 Volt PLTC/ITC/CMG

21	Black & Red and Numbered
22	Black & Red and Numbered
23	Black & Red and Numbered
24	Black & Red and Numbered
25	Black & Red and Numbered
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43	Black & Red and Numbered
44	Black & Red and Numbered
45	Black & Red and Numbered
46	Black & Red and Numbered
47	Black & Red and Numbered
48	Black & Red and Numbered
49	Black & Red and Numbered
50	Black & Red and Numbered
51	Black & Red and Numbered

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C
UL Temperature Rating:	105°C
Bulk Cable Weight:	508 lbs/1000 ft.
Max. Recommended Pulling Tension:	937 lbs.
Min. Bend Radius (Install)/Minor Axis:	10.250 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	PLTC, ITC, CMG
CEC/C(UL) Specification:	CMG

Flame Test

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

Suitability

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

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (μH/ft)

.21

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

26

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

45

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

2.4 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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