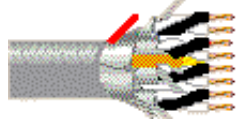


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3051A



Multi-Conductor - 300V Power-Limited Tray Cable

16 AWG pairs stranded (7x24) bare copper conductors, twisted pairs, individually shielded plus an overall Beldfoil shield (100% coverage), PVC insulation, PVC jacket.

**For more Information
Please call**

1-800-Belden1

Put Ups and Colors:

Item ##	Putup	Ship Weight	Color	Notes	Item Desc
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Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	# Pairs	AWG	Stranding	Conductor Material
	16	16	7x24	BC - Bare Copper
1		22	7x30	BC - Bare Copper

Total Number of Conductors: 33

Insulation

Insulation Material:

Insulation Material
PVC - Polyvinyl Chloride

Inner Shield

Inner Shield Material:

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

Inner Shield Drain Wire AWG:

AWG
18

Inner Shield Drain Wire Stranding: 7x26

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

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
16	7x24	TC - Tinned Copper

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.074

Outer Jacket Ripcord:

Yes

Overall Cable**Overall Cabling Lay Length & Direction:**

Length (in.)	Direction
11.750	Left Hand

Overall Nominal Diameter:

0.942 in.

Pair**Pair Color Code Chart:**

Number	Color
1	Black & White and Numbered 1
2	Black & White and Numbered 2
3	Black & White and Numbered 3
4	Black & White and Numbered 4
5	Black & White and Numbered 5
6	Black & White and Numbered 6
7	Black & White and Numbered 7
8	Black & White and Numbered 8
9	Black & White and Numbered 9
10	Black & White and Numbered 10
11	Black & White and Numbered 11
12	Black & White and Numbered 12
13	Black & White and Numbered 13
14	Black & White and Numbered 14
15	Black & White and Numbered 15
16	Black & White and Numbered 16
Communication Wire	Orange

Pair Lay Length & Direction:

Lay Length (in.)	Twists (twist/ft)	Direction
2.750	4.400	Left Hand

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C
Bulk Cable Weight:	573 lbs/1000 ft.
Max. Recommended Pulling Tension:	661 lbs.
Min. Bend Radius/Minor Axis:	9.400 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

CEC/C(UL) Specification:	CMG, ITC-ER, PLTC-ER
AWM Specification:	UL Style 2464 (300 V 105°C)
EU Directive 2011/65/EU (ROHS II):	Yes

Flame Test

UL Flame Test:	UL1685 FT4 Loading
CSA Flame Test:	FT4
IEEE Flame Test:	1202

Suitability

Suitability - Burial:	Yes
Sunlight Resistance:	Yes

Plenum/Non-Plenum

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

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

110

Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/1000 ft)
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16 AWG	4.2
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22 AWG	16.2
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Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

3.5

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 6 Ohm/1000 ft

Max. Operating Voltage - UL:

Voltage

300 V RMS

Revision Number: 1 Revision Date: 03-10-2016

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