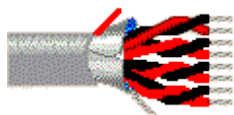


9521 Multi-Conductor - 300V Power-Limited Tray Cable



For more Information
please call

1-800-Belden1

**General Description:**

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

Physical Characteristics (Overall)**Conductor****AWG:**

# Pairs	AWG	Stranding	Conductor Material
11	22	7x30	TC - Tinned Copper

Total Number of Conductors: 22

Insulation**Insulation Material:**

Insulation Material	Dia. (mm)
F-R PVC - Flame Retardant 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)
F-R PVC - Flame Retardant Polyvinyl Chloride	1.3462

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 12.852 mm

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
10	Black & Red and Numbered
11	Black & Red and Numbered

Mechanical Characteristics (Overall)

9521 Multi-Conductor - 300V Power-Limited Tray Cable

Operating Temperature Range:	-30°C To +105°C
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UL Temperature Rating:	105°C
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Max. Recommended Pulling Tension:	889.640 N
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Min. Bend Radius/Minor Axis:	127 mm
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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG, ITC-ER, PLTC-ER
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CEC/C(UL) Specification:	CMG
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EU Directive 2011/65/EU (ROHS II):	Yes
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EU CE Mark:	Yes
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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Flame Test

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

Suitability - Indoor:	Yes
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Suitability - Outdoor:	Yes
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Suitability - Burial:	Yes
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Sunlight Resistance:	Yes
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Plenum/Non-Plenum

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

Surface Printing:	LEGEND: BELDEN 9521 E34972 11PR22 SHIELDED (UL) CMG 105C OR PLTC OR ITC SUN RES DIR BUR OR AWM 2464 80C 300V OR C(UL)
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Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m)
0.68901

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
85.306

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)
147.645

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
49.215

Nominal Outer Shield DC Resistance:

9521 Multi-Conductor - 300V Power-Limited Tray Cable

DCR @ 20°C (Ohm/km)

49.215

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
9521 0601000	1,000 FT	144.000 LB	CHROME	C	11 PR #22 PVC FS PVC
9521 060500	500 FT	71.500 LB	CHROME	C	11 PR #22 PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 10-21-2014

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