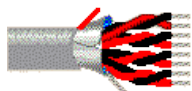


## 9520 Multi-Conductor - 300V Power-Limited Tray Cable



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
9	22	7x30	TC - Tinned Copper

Total Number of Conductors: 18

**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	.053

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Nominal Diameter: 0.482 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

**Mechanical Characteristics (Overall)**

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

UL Temperature Rating: 105°C

Bulk Cable Weight: 112 lbs/1000 ft.

Max. Recommended Pulling Tension: 172 lbs.

Min. Bend Radius/Minor Axis: 4.800 in.

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

NEC/(UL) Specification: CMG, ITC-ER, PLTC-ER

## 9520 Multi-Conductor - 300V Power-Limited Tray Cable

CEC/C(UL) Specification: CMG

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

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire &amp; 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

## Surface Printing (Overall)

## Electrical Characteristics (Overall)

## Nom. Inductance:

Inductance (μH/ft)

.21

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

26

## Nom. Capacitance Cond. to Other Conductor &amp; 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
9520 0601000	1,000 FT	129.000 LB	CHROME	C	9 PR #22 PVC FS PVC
9520 060500	500 FT	61.000 LB	CHROME	C	9 PR #22 PVC FS PVC

## Notes:

C = CRATE REEL PUT-UP.

## 9520 Multi-Conductor - 300V Power-Limited Tray Cable

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