

## 9521 Paired - 300V Power-Limited Tray Cable

 	<p>For more information please call <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p> <p><b>Related Documents : ICEA Table E2.pdf</b></p>
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### Description:

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

### PHYSICAL CHARACTERISTICS:

#### CONDUCTOR:

Number of Pairs	11
Total Number of Conductors	22
AWG	22
Stranding	7x30
Conductor Material	TC - Tinned Copper

#### INSULATION:

Insulation Material	F-R PVC - Flame Retardant Polyvinyl Chloride
Insulation Diameter	.062 in.

#### Pair Color Code Chart :

Number	Color	Number	Color
1	Black & Red and Numbered	7	Black & Red and Numbered
2	Black & Red and Numbered	8	Black & Red and Numbered
3	Black & Red and Numbered	9	Black & Red and Numbered
4	Black & Red and Numbered	10	Black & Red and Numbered
5	Black & Red and Numbered	11	Black & Red and Numbered
6	Black & Red and Numbered		

#### OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield % Coverage	100 %

#### OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	22
Outer Shield Drain Wire Stranding	7x30

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Outer Shield Drain Wire Conductor Material	TC - Tinned Copper
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### OUTER JACKET:

Outer Jacket Material	F-R PVC - Flame Retardant Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.053 in.
Outer Jacket Ripcord	Yes

### OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.506 in.
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### MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-30°C To +105°C
UL Temperature Rating	105°C
Max. Recommended Pulling Tension	200 lbs.
Min. Bend Radius (Install)	5 in.

### APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

#### APPLICABLE STANDARDS:

NEC/(UL) Specification	PLTC, ITC, CMG
CEC/C(UL) Specification	CMG
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

### 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)	N
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### ELECTRICAL CHARACTERISTICS:

Nom. Inductance	.21 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	26 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	45 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	15 Ohms/1000 ft

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Nominal Outer Shield DC Resistance @ 20 Deg. C	15 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	2.4 Amps per conductor @ 25°C

### PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9521 0601000	11 PR #22 PVC FS PVC	1000	147	CHROME	C
9521 060500	11 PR #22 PVC FS PVC	500	73	CHROME	C

C = CRATE REEL PUT-UP.

Revision Number: 1      Revision Date: 09-20-2005

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