

**9524 Paired - 300V Power-Limited Tray Cable**

		<p><b>For more information please call</b> <b>1-800-Belden1</b></p> <p><u><a href="#">See Put-ups and Colors</a></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	15
Total Number of Conductors	30
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	9	Black & Red and Numbered
2	Black & Red and Numbered	10	Black & Red and Numbered
3	Black & Red and Numbered	11	Black & Red and Numbered
4	Black & Red and Numbered	12	Black & Red and Numbered
5	Black & Red and Numbered	13	Black & Red and Numbered
6	Black & Red and Numbered	14	Black & Red and Numbered
7	Black & Red and Numbered	15	Black & Red and Numbered
8	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
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Outer Shield Drain Wire Stranding	7x30
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

**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	.593 in.
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**MECHANICAL CHARACTERISTICS:**

Operating Temperature Range	-30°C To +105°C
UL Temperature Rating	105°C
Bulk Cable Weight	164 lbs/1000 ft.
Max. Recommended Pulling Tension	280 lbs.
Min. Bend Radius (Install)	6 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

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Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	45 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	15 Ohms/1000 ft
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
9524 0601000	15 PR #22 PVC SHLD PVC	1000	178	CHROME	C
9524 060500	15 PR #22 PVC SHLD PVC	500	89.5	CHROME	C

C = CRATE REEL PUT-UP.

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