

8422 Non-Paired - Two-Conductor, Low-Impedance Cable

		<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p>
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Description:

22 AWG stranded (16x34) high-conductivity tinned copper conductors, polyethylene insulation, cotton braid, double tinned copper braid shield (85% coverage), PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	2
Total Number of Conductors	2
AWG	22
Stranding	16x34
Conductor Diameter	.031 in.
Conductor Material	High Conductivity TC - Tinned Copper

INSULATION:

Insulation Material	PE - Polyethylene
Nom. Insulation Wall Thickness	.021 in.
Insulation Diameter	.072 in.

OVERALL CABLING:

Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Clear	2	Black

Overall Cabling Separator Material	Cotton Braid
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OUTER SHIELD:

Outer Shield Type	Braid
Outer Shield Material	TC - Tinned Copper
Outer Shield % Coverage	85 %

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.022 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.231 in.
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MECHANICAL CHARACTERISTICS:

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Operating Temperature Range	-40°C To +80°C
Non-UL Temperature Rating	80°C
Bulk Cable Weight	29.6 lbs/1000 ft.
Max. Recommended Pulling Tension	93 lbs.
Min. Bend Radius (Install)	2.3 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	90 Ohms
Nom. Inductance	.22 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	18 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	32 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	15.9 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	3.5 Ohms/1000 ft
Max. Operating Voltage - Non-UL	1000 V RMS
Max. Recommended Current	2.9 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8422 0601000	2 #22 PE SHLD PVC	1000	33	CHROME	C
8422 060500	2 #22 PE SHLD PVC	500	15	CHROME	C
8422 060U1000	2 #22 PE SHLD PVC	U1000	31	CHROME	

C = CRATE REEL PUT-UP.

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