

9224 Coax - Low Noise

		<p style="text-align: center;">For more information please call 1-800-Belden1</p> <p style="text-align: center;"><u>See Put-ups and Colors</u></p>
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Description:

Low Noise, RG-59/U type, 22 AWG solid .025" bare copper-covered steel conductor, polyethylene insulation, conductive layer, bare copper braid shield (93% coverage), PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Coax	1
Total Number of Conductors	1
RG Type	59/U
AWG	22
Stranding	Solid
Conductor Diameter	.025 in.
Conductor Material	BCCS - Bare Copper Covered Steel

INSULATION:

Insulation Material :

Layer Number	Material Trade Name	Material	Wall Thickness (in.)	Diameter (in.)
1		PE - Polyethylene		.146
2		C-PE - Conductive Polyethylene		.154

OUTER SHIELD:

Outer Shield Type	Braid
Outer Shield Material	BC - Bare Copper
Outer Shield % Coverage	93 %

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.242 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-40°C To +75°C
Non-UL Temperature Rating	75°C
Bulk Cable Weight	33 lbs/1000 ft.
Max. Recommended Pulling Tension	80 lbs.

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Min. Bend Radius (Install)	3 in.
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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

FLAME TEST:

UL Flame Test	UL1685 UL Loading, VW-1
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PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	75 Ohms
Nom. Inductance	.124 μ H/ft
Nom. Capacitance Conductor to Shield	22 pF/ft
Nominal Velocity of Propagation	65 %
Nominal Delay	1.56 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	54.0 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20°C	2.5 Ohms/1000 ft
Max. Noise Level (Peak to Peak)	5 mV
Max. Operating Voltage - Other	1900 V RMS
Nom. Voltage Breakdown Conductor to Shield	30 kV RMS
Nom. Voltage Breakdown Jacket (Shield to Water)	30 kV RMS
Other Electrical Characteristic 1	NBS Low Noise Test (Modified) MIL-C-17 Paragraph 4.8.14, 5 mV Peak to Peak Max

NOTES:

Notes	Not recommended for RF use
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PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9224 0101000	#22AWG LOW NOISE COAX	1000	39	BLACK	
9224 010U500	#22AWG LOW NOISE COAX	U500	19.5	BLACK	

Revision Number: 1 Revision Date: 07-15-2005

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