

9269 Coax - 93 Ohm

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

93 ohm, RG-62A/U type, 22 AWG solid .025" bare copper-covered steel conductor, semi-solid polyethylene insulation, bare copper braid shield (95% coverage), PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Coax	1
Total Number of Conductors	1
RG Type	62A/U
AWG	22
Stranding	Solid
Conductor Diameter	.025 in.
Conductor Material	BCCS - Bare Copper Covered Steel

INSULATION:

Insulation Material	Semi-Solid PE - Semi-Solid Polyethylene
Insulation Diameter	.146 in.

OUTER SHIELD:

Outer Shield Type	Braid
Outer Shield Material	BC - Bare Copper
Outer Shield % Coverage	95 %

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.239 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-40°C To +80°C
UL Temperature Rating	60°C (UL AWM Style 1478)
Bulk Cable Weight	34 lbs/1000 ft.
Max. Recommended Pulling Tension	84 lbs.
Min. Bend Radius (Install)	2.5 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

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APPLICABLE STANDARDS:

NEC/(UL) Specification	CM, CL2
CEC/C(UL) Specification	CM
AWM Specification	UL Style 1478 (30 V 60°C)
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
PMSHA Specification	SC-182/3
Customer Part Number Reference Specification	IBM P/N 323921

FLAME TEST:

UL Flame Test	UL1685 UL Loading
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PLENUM/NON-PLENUM:

Plenum (Y/N)	N
Plenum Number	89269, 87269, 82269

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	93 Ohms
Nom. Inductance	0.116 μ H/ft
Nom. Capacitance Conductor to Shield	13.5 pF/ft
Nominal Velocity of Propagation	84 %
Nominal Delay	1.21 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	41.2 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg.C	2.9 Ohms/1000 ft

Nom. Attenuation :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. Attenuation (dB/100 ft.)
	1			0.3
	10			0.9
	50			1.9
	100			2.7
	200			3.8
	400			5.3
	700			7.3
	900			8.2
	1000			8.7

Max. Operating Voltage - UL 300 V RMS (CM), 150 V RMS (CL2), 30 V RMS (UL AWM Style 1478)

Max. Operating Voltage - Non-UL 750 V RMS

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9269 003U1000	RG-62A/U TYPE COAX	U1000	36	ORANGE	

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9269 0101000	RG-62A/U TYPE COAX	1000	38	BLACK	
9269 0101640	RG-62A/U TYPE COAX	1640	60.68	BLACK	C
9269 0102000	RG-62A/U TYPE COAX	2000	76	BLACK	C
9269 0103280	RG-62A/U TYPE COAX	3280	121.36	BLACK	C
9269 010500	RG-62A/U TYPE COAX	500	17	BLACK	C
9269 0105000	RG-62A/U TYPE COAX	5000	185	BLACK	C
9269 010U1000	RG-62A/U TYPE COAX	U1000	36	BLACK	
9269 010U500	RG-62A/U TYPE COAX 306 2.09	U500	18.5	BLACK	
9269 060U1000	RG-62A/U TYPE COAX	U1000	36	CHROME	
9269 A8RU1000	RG-62A/U TYPE COAX	U1000	36	BEIGE, SNOW	

C = CRATE REEL PUT-UP.

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