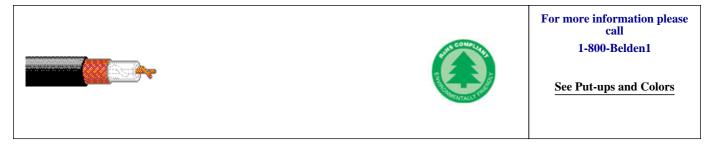
## Detailed Specifications & Technical Data



# **BELDEN**Cable<sup>\*\*</sup>

# 9269 Coax - 93 Ohm



#### **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		
OVERALL NOMINAL DIAMETER:			
Overall Nominal Diameter	.239 in.		
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.		

# Detailed Specifications & Technical Data



Belden <mark>CDT</mark>

9269 Coax - 93 Ohm

#### APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STA	NDARDS:					
NEC/(UL) Specificati	on	CM, CL2				
CEC/C(UL) Specifica	ation	СМ				
AWM Specification		UL Style 1478 (30 V 60°C	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				
PLENUM/NON-PL	ENUM:					
Plenum (Y/N)		Ν				
Plenum Number		89269, 87269, 82269				
ELECTRICAL CH	ARACTERISTICS:					
Nom. Characteristic Impedance		93 Ohms	93 Ohms			
Nom. Inductance		0.116 µH/ft				
Nom. Capacitance Conductor to Shield		13.5 pF/ft				
Nominal Velocity of I	Propagation	84 %	84 %			
Nominal Delay		1.21 ns/ft	1.21 ns/ft			
Nom. Conductor DC	Resistance @ 20 Deg. C	41.2 Ohms/1000 ft	41.2 Ohms/1000 ft			
Nominal Outer Shield	DC Resistance @ 20°C	2.9 Ohms/1000 ft	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		
400 700				5.3		
				7.3		
	900			8.2		
	1000		1	8.7		

Max. Operating Voltage - Non-UL

300 V RMS (CM), 150 V RMS (CL2), 30 V RMS (UL AWM Style 1478) 750 V RMS

## Detailed Specifications & Technical Data



### 9269 Coax - 93 Ohm

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9269 003U1000	RG-62A/U TYPE COAX	U1000	36	ORANGE	
9269 0101000	RG-62A/U TYPE COAX	1000	38	BLACK	
9269 0101640	RG-62A/U TYPE COAX	1640	60.68	BLACK	С
9269 0102000	RG-62A/U TYPE COAX	2000	76	BLACK	С
9269 0103280	RG-62A/U TYPE COAX	3280	121.36	BLACK	С
9269 010500	RG-62A/U TYPE COAX	500	17	BLACK	С
9269 0105000	RG-62A/U TYPE COAX	5000	185	BLACK	С
9269 010U1000	RG-62A/U TYPE COAX	U1000	36	BLACK	
9269 010U500	RG-62A/U TYPE COAX 306 2.09	U500	19	BLACK	
9269 060U1000	RG-62A/U TYPE COAX	U1000	36	CHROME	
9269 A8RU1000	RG-62A/U TYPE COAX	U1000	36	BEIGE, SNOW	

### PUT-UPS AND COLORS:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 07-18-2005

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