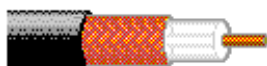


9244 Coax - 75 Ohm Coax



For more information please
call

1-800-Belden1

See Put-ups and Colors

Description:

22 AWG solid bare copper-covered steel conductor, polyethylene insulation, bare copper braid shield (85% 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	PE - Polyethylene
Insulation Diameter	.146 in.

OUTER SHIELD:

Outer Shield Type	Braid
Outer Shield Material	BC - Bare Copper
Outer Shield % Coverage	85 %

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 +80°C
Non-UL Temperature Rating	80°C
Bulk Cable Weight	34 lbs/1000 ft.
Max. Recommended Pulling Tension	67 lbs.
Min. Bend Radius (Install)	2.5 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

9244 Coax - 75 Ohm Coax

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMX
CEC/C(UL) Specification	CMX
AWM Specification	UL Style 1354 (30 V 80°C)
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	VW-1
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SUITABILITY:

Suitability - Indoor	Yes
Suitability - Outdoor	Yes

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	75 Ohms
Nom. Inductance	.112 µH/ft
Nom. Capacitance Conductor to Shield	19.4 pF/ft
Nominal Velocity of Propagation	66 %
Nominal Delay	1.54 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	50 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20°C	4.5 Ohms/1000 ft

Minimum Return Loss :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Minimum Return Loss (dB)
		5	450	23

Nom. Attenuation :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. Attenuation (dB/100 ft.)
	1			.6
	10			1.1
	50			2.4
	100			3.4
	200			4.9
	400			7.0
	700			9.7
	900			11.1
	1000			12.0

Nom. Power Rating :

9244 Coax - 75 Ohm Coax

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. Power Rating (W)
	50			470
	100			310
	300			160
	500			115
	1000			76

Max. Operating Voltage - UL 150 V RMS

Max. Operating Voltage - Non-UL 1700 V RMS

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9244 0101000	RG-59/U TYPE COAX	1000	36	BLACK	
9244 0103280	RG-59/U TYPE	3280	118.08	BLACK	C
9244 010U1000	RG-59/U TYPE COAX	U1000	35	BLACK	
9244 010U500	RG-59/U TYPE COAX	U500	18	BLACK	

C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 05-02-2006

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