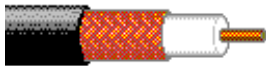


9204 Coax - 75 Ohm Coax



For more information please
call

1-800-Belden1

See Put-ups and Colors

Description:

23 awg solid .023" bare copper-covered steel conductor, polyethylene insulation, bare copper braid shield (95% coverage), non-contaminating PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Coax	1
Total Number of Conductors	1
RG Type	59/U
AWG	23
Stranding	Solid
Conductor Diameter	.023 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	95 %

OUTER JACKET:

Outer Jacket Material	PVCNC - Polyvinyl Chloride Non-Contaminating
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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.241 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-40°C To +85°C
Non-UL Temperature Rating	60°C
Bulk Cable Weight	34 lbs/1000 ft.
Max. Recommended Pulling Tension	78 lbs.
Min. Bend Radius (Install)	2.5 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

9204 Coax - 75 Ohm Coax

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMH
CEC/C(UL) Specification	CMH
EU CE Mark (Y/N)	No
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005
Military Specification	MIL-C-17G, M17/29

FLAME TEST:

UL Flame Test	VW-1
C(UL) Flame Test	FT1

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	75 Ohms
Nom. Inductance	.115 μ H/ft
Nom. Capacitance Conductor to Shield	20.5 pF/ft
Nominal Velocity of Propagation	66 %
Nominal Delay	1.54 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	47 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20°C	2.6 Ohms/1000 ft

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

Max. Power Rating :

9204 Coax - 75 Ohm Coax

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Max. Power Rating (W)
	1			
	10			
	50			470
	100			306
	200			199
	400			129
	700			91
	900			78
	1000			73

Max. Operating Voltage - Non-UL

1700 V RMS

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9204 0101000	M17/29 RG59 COAX	1000	39	BLACK	C
9204 010500	M17/29 RG59 COAX	500	18	BLACK	C
9204 010U1000	M17/29 RG59 COAX	U1000	38	BLACK	

C = CRATE REEL PUT-UP.

Revision Number: 2

Revision Date: 10-06-2005

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