

9232 Coax - RG-11/U Type

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

15 AWG stranded (19x27) .064" bare copper conductor, foam HDPE insulation, paper tape separator, bare copper braid shields (90% coverage), Hypalon® jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Coax	1
Total Number of Conductors	1
RG Type	11/U
AWG	15
Stranding	19x27
Conductor Diameter	.064 in.
Conductor Material	BC - Bare Copper

INSULATION:

Insulation Material	Gas-injected FHDPE - Foam High Density Polyethylene
Insulation Diameter	.312 in.

INNER SHIELD:

Inner Shield Type	Braid
Inner Shield Material	BC - Bare Copper
Inner Shield % Coverage	90 %

INNER JACKET:

Inner Jacket Material	PE - Polyethylene
Inner Jacket Diameter	.391 in.

OUTER SHIELD:

Outer Shield Type	Braid
Outer Shield Material	BC - Bare Copper
Outer Shield % Coverage	82 %

OUTER SHIELD SEPARATOR :

Outer Shield Separator Material	Paper Tape
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OUTER JACKET:

Outer Jacket Material Trade Name	Hypalon®
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Outer Jacket Material	Chlorosulfinated Polyethylene
OVERALL NOMINAL DIAMETER:	
Overall Nominal Diameter	.520 in.
MECHANICAL CHARACTERISTICS:	
Operating Temperature Range	-20°C To +75°C
UL Temperature Rating	60°C
Non-UL Temperature Rating	75°C
Bulk Cable Weight	140 lbs/1000 ft.
Max. Recommended Pulling Tension	239 lbs.
Min. Bend Radius (Install)	5.5 in.
APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:	
APPLICABLE STANDARDS:	
AWM Specification	UL Style 1641 (30 V 60°C)
EU CE Mark (Y/N)	No
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
SWEEP TEST:	
Sweep Testing	100% sweep tested 5 MHz to 850 MHz.
SUITABILITY:	
Suitability - Indoor	Yes
Suitability - Outdoor	Yes
Suitability - Burial	Yes
PLENUM/NON-PLENUM:	
Plenum (Y/N)	N
ELECTRICAL CHARACTERISTICS:	
Nom. Characteristic Impedance	75 Ohms
Nom. Inductance	0.097 µH/ft
Nom. Capacitance Conductor to Shield	17.3 pF/ft
Nominal Velocity of Propagation	78 %
Nominal Delay	1.30 ns/ft
Nom. Conductor DC Resistance @ 20 Deg. C	3.1 Ohms/1000 ft
Nom. Inner Shield DC Resistance:	1.6 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20°C	1.6 Ohms/1000 ft
Minimum Return Loss :	

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Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Minimum Return Loss (dB)
		5	450	21

Nom. Attenuation :

Description	Frequency (MHz)	Start Frequency (MHz)	Stop Frequency (MHz)	Nom. Attenuation (dB/100 ft.)
	1			.14
	3.6			.30
	10			.50
	71.5			1.20
	135			1.80
	270			2.60
	360			3.10
	540			3.90
	720			4.70
	750			4.80
	1000			5.70

Max. Operating Voltage - UL 30 V RMS

Max. Operating Voltage - Non-UL 300 V RMS

Other Electrical Characteristic 1 Nominal Capacitance 1st Shield to 2nd Shield: 205 pf/ft.

Other Electrical Characteristic 2 Nominal Voltage Breakdown: 20K V RMS

NOTES:

Notes Hypalon is a DuPont trademark.

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9232 0101000	75 OHM TRIAX	1000	145	BLACK	C
9232 010500	75 OHM TRIAX	500	76.5	BLACK	C

C = CRATE REEL PUT-UP.

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