

RG 11U COAXIAL CABLE 75 Ohm AL BRAID 60% COVERAGE



Norden RG 11U is a common type of coaxial cable in a wide variety of residential and commercial applications. This RG-11 type cables have become the standard for CATV/MATV, Broadband, HDTV and Satellite Broadcasting Transmission use, has a copper-coated steel center conductor and a combination aluminium foil/aluminium braid shield, typically with low coverage about 60%. RG11 can be used as a trunk cable with standard Transmission distance up to 600m.



CABLE CONSTRUCTION

Conductor

Copper Clad Steel

Insulation Color

Neutral

Braid Wire

Aluminium Wire

Jacket Color

Black

Insulation

Foam PE (Polyethylene)

Shielding

Aluminium/Polyester
Foil Bonded

Outer Jacket

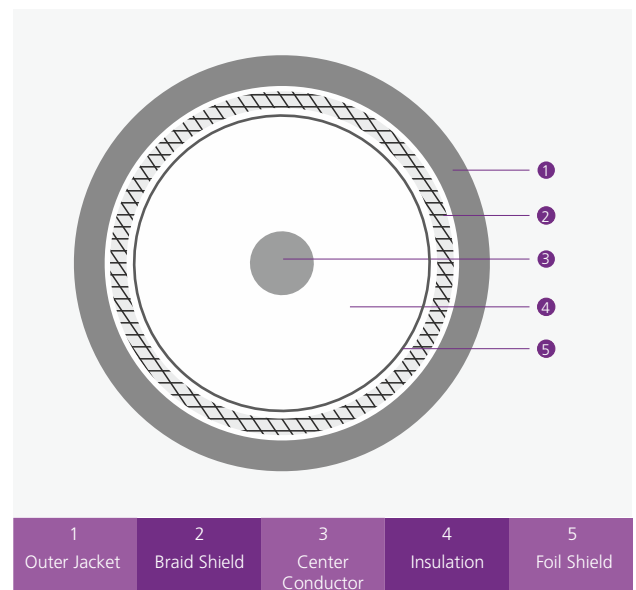
PVC (Polyvinyl Chloride)
LSZH (Low smoke zero halogen)

PHYSICAL CHARACTERISTICS

Characteristic	Value
Center Conductor Diameter	1.63 mm
Insulation Diameter	7.11 mm
Braid Wire Diameter	0.16 mm
No. of Braid Wire	96
Braid Wire Coverage	60%
Outer Jacket Diameter	10.03 mm
Min. Bending Radius (Installation)	35.55 mm
Max. Pulling Tension	713N
Operating Temperature	-20°C to +75°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Characteristic Impedance	Ω	75.0
Capacitance	pF/m	51.0
Center Conductor DCR	Ω /km	<40.0
Braid Wire DCR	Ω /km	<25.0
Velocity of Propagation	%	84
Dielectric Strength	VCA	1500
Jacket Sparker	VCA	2500
Return Loss (5-6000 MHz)	dB	23.0



1 Outer Jacket 2 Braid Shield 3 Center Conductor 4 Insulation 5 Foil Shield



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PERFORMANCE CHARACTERISTICS

Frequency at 20°C (MHz)	Attenuation (10% higher) (dB/100m)
1	0.83
10	1.85
50	3.10
100	4.33
200	6.00
400	8.53
700	11.70
900	13.56
1000	14.27
1200	15.55
1450	17.37
1800	19.60
2200	21.40
3000	27.58

RoHS GUIDELINE

Properties	Value
Calcium Content (Cd)	< 0.01%
Lead Content (Pb)	< 0.1%
Mercury Content (Hg)	< 0.1%
Chromium (VI) Content	< 0.1%
Polybrominated Biphenyls (PBB)	Forbidden
Polybrominated Diphenyl Ether (PBDE)	Forbidden

ORDERING INFORMATION

Part Number	Description
475-013A60	RG 11U Coaxial Cable 75 Ohm AL Braid 60% Coverage PVC
475-013A60H	RG 11U Coaxial Cable 75 Ohm AL Braid 60% Coverage LSZH