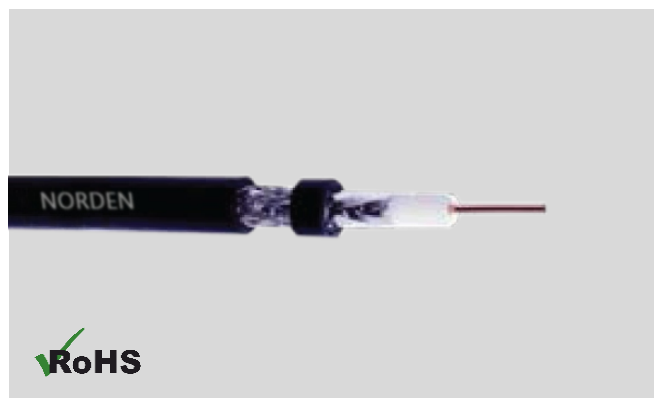


# RG 11U COAXIAL CABLE 75 Ohm AL BRAID 60% COVERAGE



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

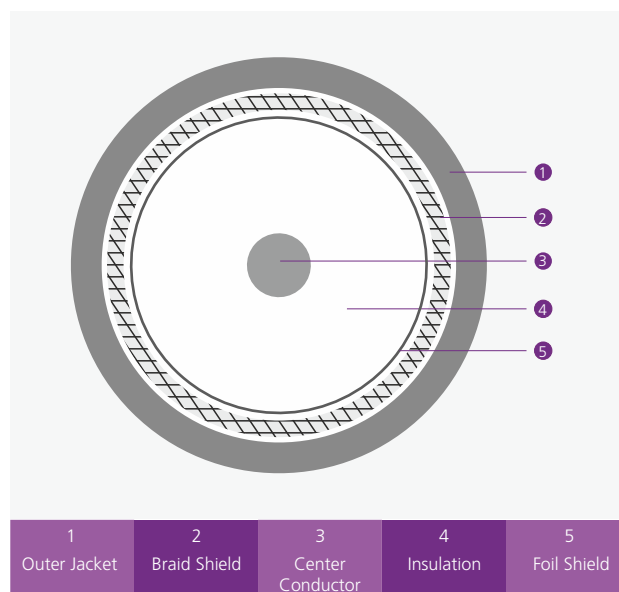
PVC (Polyvinyl Chloride)  
LSZH (Low smoke zero halogen)

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



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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