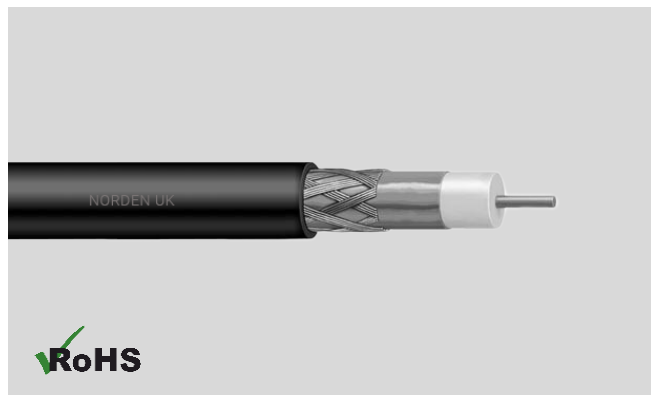


# RG 6U COAXIAL CABLE 75 OHM AL BRAID 95% COVERAGE



Norden RG 6U is a common type of coaxial cable used in a wide variety of residential and commercial applications. This RG 6U type cables have become the standard for CATV, has a copper-coated steel center conductor and a combination aluminium foil/aluminium braid shield, typically with high coverage about 95%. RG 6U can be used as a branch cable with standard transmission distance up to 450m.



## 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

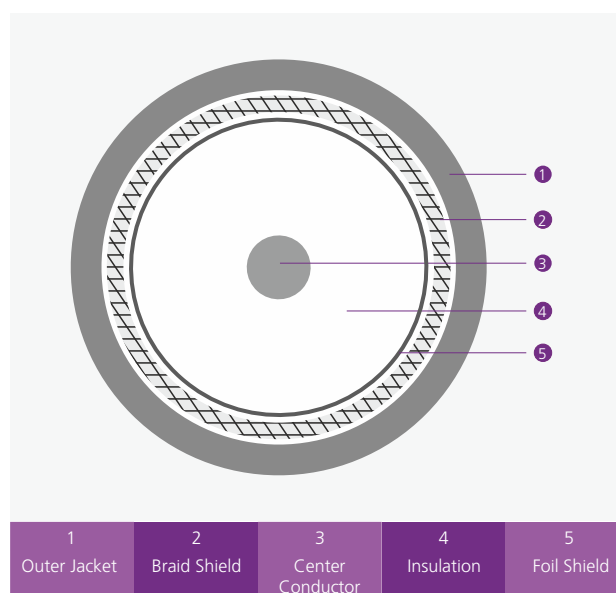
PVC (Polyvinyl Chloride)  
LSZH (Low smoke zero halogen)

## PHYSICAL CHARACTERISTICS

Characteristic	Value
Center Conductor Diameter	1.02 mm
Insulation Diameter	4.57 ± 0.05mm
Braid Wire Coverage	95%
Outer Jacket Diameter	6.9 mm
Min. Bending Radius (Installation)	76.2 mm
Max. Pulling Tension	200N
Operating Temperature	-20°C to +75°C

## ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Characteristic Impedance	Ω	75.0
Capacitance	pF/m	54.0
Center Conductor DCR	Ω/km	102
Velocity of Propagation	%	85
Dielectric Strength	V	5000
Jacket Sparker	V AC	4000
Return Loss (5-1000 MHz)	dB	20.0
Return Loss (1001-3000 Mhz)	dB	15.0



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## PERFORMANCE CHARACTERISTICS

Frequency at 20°C (MHz)	Attenuation (10% higher) (dB/100m)
5	3.15
55	5.25
83	6.40
187	9.35
211	10.00
250	10.82
300	11.64
350	12.63
400	13.61
450	14.43
500	15.09
550	16.08
600	16.73
750	18.54
865	20.01
1000	21.49
1750	29.00
2150	32.5
2200	33.00
3000	39.00

## 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
475-011A95H	RG 6U Coaxial Cable 75 Ohm Al Braid 95 % Coverage LSZH jacket