RG 6U COAXIAL CABLE 75 Ohm
AL BRAID 60% COVERAGE

NORVIEW

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 low coverage about 60%. 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

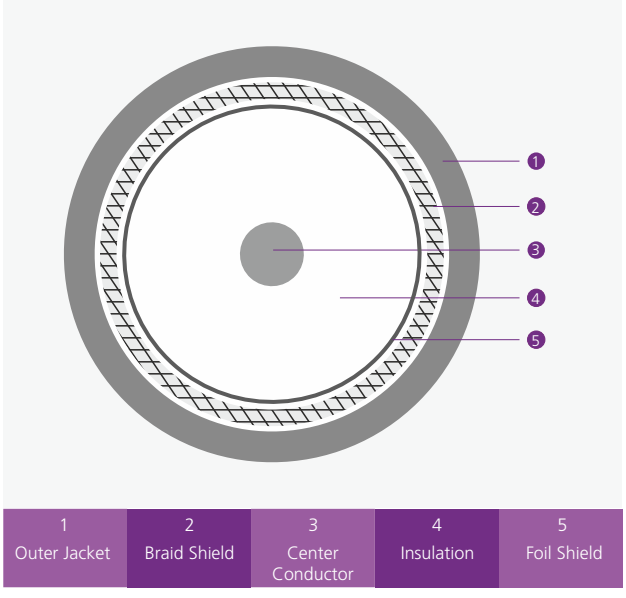
Outer Jacket
PVC (Polyvinyl Chloride)
LSZH (Low smoke zero halogen)

PHYSICAL CHARACTERISTICS

Characteristic	Value
Center Conductor Diameter	1.02 mm
Insulation Diameter	4.75 mm
Braid Wire Diameter	0.12 mm
No. of Braid Wire	80
Braid Wire Coverage	60%
Outer Jacket Diameter	6.80 mm
Min. Bending Radius (Installation)	22.85 mm
Max. Pulling Tension	470N
Operating Temperature	-20°C to +75°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Characteristic Impedance	Ω	75.0
Capacitance	pF/m	52.0
Center Conductor DCR	Ω/km	<100
Braid Wire DCR	Ω/km	<46.5
Velocity of Propagation	%	82
Dielectric Strength	VCA	1000
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	1.21
10	2.16
50	4.62
100	6.30
200	8.66
400	12.23
700	16.56
900	18.99
1000	20.04
1750	29.00
2150	32.50
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
475-011A60	RG 6U Coaxial Cable 75 Ohm AL Braid 60% Coverage PVC
475-011A60H	RG 6U Coaxial Cable 75 Ohm AL Braid 60% Coverage LSZH