

RG 6U COAXIAL CABLE 75 OHM CCA 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 centre conductor and a combination aluminium foil/CCA braid shield with coverage about 95% and PVC Outer jacket.



CABLE CONSTRUCTION

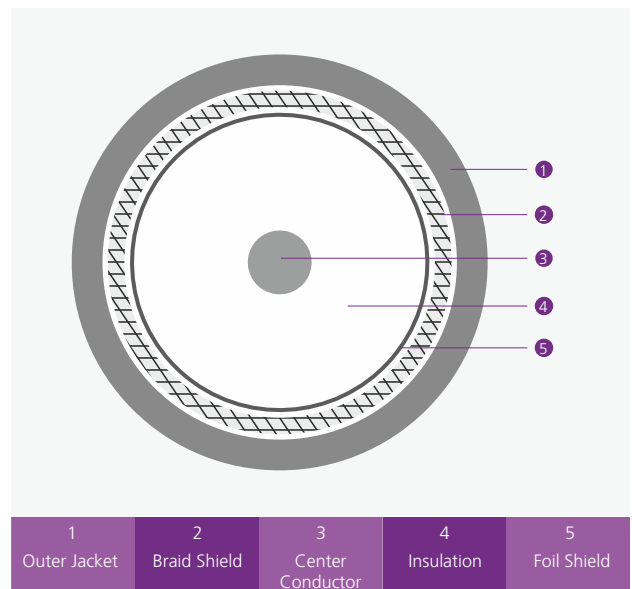
Conductor Copper Clad Steel	Insulation Color Neutral	Braid Wire CCA Wire	Jacket Color Black
Insulation Gas-Injected Foam PE	Shielding Aluminium/Polyester Foil Bonded	Outer Jacket PVC (Polyvinyl Chloride)	

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	160
Braid Wire Coverage	95%
Outer Jacket Diameter	6.9 mm
Min. Bending Radius (Installation)	23.0 mm
Max. Pulling Tension	480N
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



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

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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
475-011C95	RG 6U Coaxial Cable 75 Ohm CCA Braid 95% Coverage PVC Jacket