RG 11U COAXIAL CABLE 75 Ohm
TC BRAID 95% COVERAGE

NORVIEW

Norden RG 11U type cables are also used in professional video applications, carrying either baseband analog video signals in closed circuit television (CCTV) or serial digital interface (SDI) signals. The center conductor is ordinarily solid copper, the shielding is much heavier (typically aluminum foil/ 95% Tinned copper braid) and tolerances are more tightly controlled, to improve impedance stability. Rg11 can be used as a trunk cable with Standard Transmission distance up to 600m.

RoHS

CABLE CONSTRUCTION

Conductor
Bare Copper

Insulation Color
Neutral

Braid Wire
TC Wire

Jacket Color
Black

Insulation
Foam PE (Polyethylene)

Shielding
Aluminium/Polyester
Foil Bonded

Outer Jacket
PVC (Polyvinyl Chloride)

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	168
Braid Wire Coverage	95%
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	52
Center Conductor DCR	Ω/km	<8.5
Braid Wire DCR	Ω/km	<5.2
Velocity of Propagation	%	84
Dielectric Strength	VCA	1500
Jacket Sparker	VCA	2500
Return Loss (5-6000 MHz)	dB	18.0
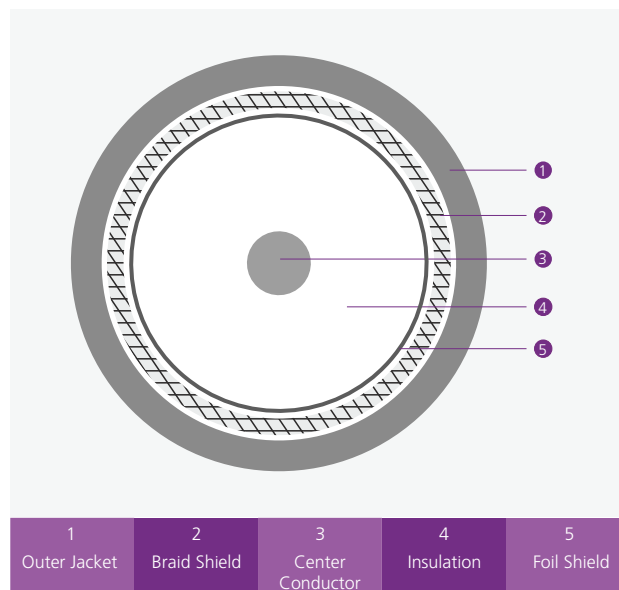
1	2	3	4	5
Outer Jacket	Braid Shield	Center Conductor	Insulation	Foil Shield

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PERFORMANCE CHARACTERISTICS

Frequency at 20°C (MHz)	Attenuation (10% higher) (dB/100m)
1	0.56
10	1.41
100	4.85
400	11.15
700	16.20
900	19.40
1000	21.30

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
475-013T95	RG 11U Coaxial Cable 75 Ohm TC Braid 95% Coverage

Coaxial Cables