

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



Norden RG 11U type cables are also used in professional video applications, carrying either baseband analog video in closed-circuit television (CCTV) signals or serial digital interface (SDI) signals; in these applications, the center conductor is ordinarily solid copper, the shielding is such heavier (60% Bare copper braid), and tolerances are more tightly controlled, to improve impedance stability. RG 11 can be used as a trunk cable with standard Transmission distance up to 600m.



## CABLE CONSTRUCTION

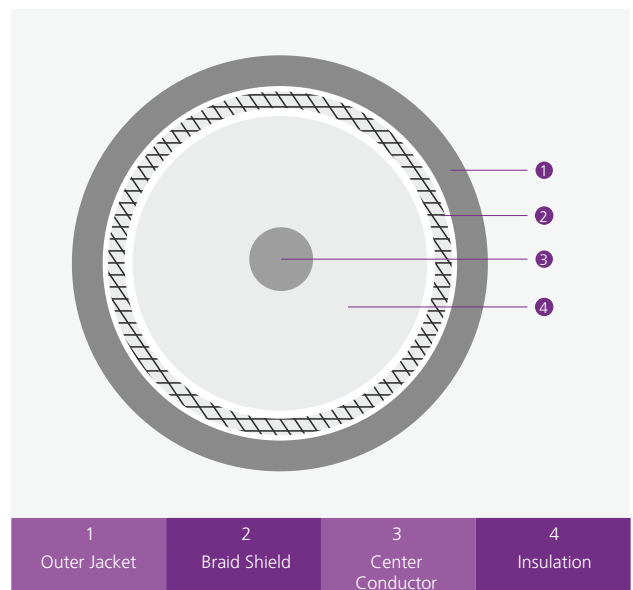
<b>Conductor</b> Bare Copper	<b>Insulation Color</b> Neutral	<b>Outer Jacket</b> PVC (Polyvinyl Chloride)
<b>Insulation</b> Foam PE (Polyethylene)	<b>Braid Wire</b> BC Wire	<b>Jacket Color</b> Black

## PHYSICAL CHARACTERISTICS

Characteristic	Value
Central 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	713 N
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	<8.5
Braid Wire DCR	$\Omega$ /km	<10.5
Velocity of Propagation	%	84
Dielectric Strength	VCA	1500
Jacket Sparker	VCA	2500
Return Loss (5-6000 MHZ)	dB	18.0



Coaxial Cables

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## PERFORMANCE CHARACTERISTICS

Frequency at 20°C (MHZ)	Attenuation (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
475-013B60	RG 11U Coaxial Cable 75 Ohm BC Braid 60% Coverage