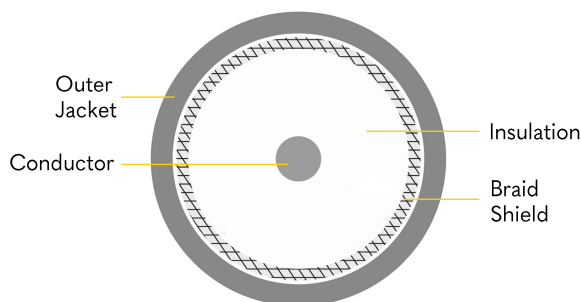




Voltan RG 11U type cables are also used in professional video applications, carrying either baseband analog video signals in closed circuit television (CCTV) or serial digital interface (SDI) signals. In these applications, the center conductor is ordinarily solid copper, the shielding is much heavier (90% Bare 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

DESIGN

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



PHYSICAL CHARACTERISTICS	Value
Center Conductor Diameter	1.63 mm
Insulation Diameter	7.11 mm
Braid Wire Diameter	0.16 mm
No. of Braid Wire	192
Braid Wire Coverage	90%
Outer Jacket Diameter	10.03 mm
Min. Bending Radius (Installation)	35.55mm
Max. Pulling Tension	713N
Operating Temperature	-20°C to +75°C

ELECTRICAL CHARACTERISTICS	Unit	Value
Characteristic Impedance	Ω	75.0
Capacitance	pF/m	52.0
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

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.No	Description
VTBC1190P	RG 11U 75 Ohm Coaxial Cable with 90% BC Braid Coverage - PVC