

Part No: 390011
Description: RG11 A/U 75Ohm PVC Black Coaxial Cable



Construction

Conductor Material : Stranded Bare Copper
 Stranding : 7 x 0.4mm
 Dielectric : Low Density Polyethylene (LDPE)
 Diameter of Dielectric : 7.25mm (+/- 0.18mm)
 Screen Material : Bare Copper Wire Braid
 Coverage : $\geq 97\%$
 Outer Sheath Material : Polyvinylchloride (PVC)
 Outer Sheath Colour : Black

Electrical Characteristics

Impedance : $75 \Omega \pm 3$
 Capacitance : 67 pF /m
 Velocity of Propagation : 66 %
 Conductor Resistance : $\leq 20.5 \Omega / \text{km}$
 Screen Resistance : $\leq 4.5 \Omega / \text{km}$
 Screen Effectiveness 100-900 MHz : $>55 \text{ dB}$
 Structural Return Loss 30-300 MHz : $>30 \text{ dB}$
 300-600 MHz : $>27 \text{ dB}$
 600-900 MHz : $>25 \text{ dB}$

Attenuation

Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)
50	4.2	500	15.5
100	6.2	600	17.1
200	9.3	860	21.1
400	13.8	1000	23.4

Physical Characteristics

Overall Diameter : 10.3mm ($\pm 0.2\text{mm}$)
 Min. Bend Radius : 10 x OD
 Temperature Rating : 0°C to $+70^\circ\text{C}$
 Weight : 145 kg/km

Standards

RoHS2 Compliant : Yes