

Part No: 390011H
Description: RG11 A/U 75Ohm LSHF 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 : Low Smoke Halogen Free (LSHF)
Outer Sheath Colour : Black

Electrical Characteristics

Impedance : $75 \Omega \pm 5$
Capacitance : 67 pF /m
Velocity of Propagation : 66 %
Conductor Resistance : $\leq 23.5 \Omega / \text{km}$
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)
100	7.1
500	16.9
1000	25.5

Physical Characteristics

Overall Diameter : 10.3mm ($\pm 0.2\text{mm}$)
Min. Bend Radius : 10 x OD
Temperature Rating : -20°C to $+60^\circ\text{C}$
Weight : 145 kg/km

Standards

RoHS2 Compliant : Yes