

# RF-600 75 Ohm LSHF

Part No: 600-75-LSHF

Description: RF-600H 75 Ohm Feeder Cable Black LSHF



## Construction

Conductor Material	Copper Clad Aluminium
Stranding	1/2.74 mm
Dielectric	Foamed Polyethylene (FPE)
Diameter of Dielectric	11.56 mm
Screen Material (1)	Bonded Aluminium/Polyester/Aluminium Tape
Coverage (1)	100%
Screen Material (2)	Tinned Copper Wire Braid
Coverage (2)	> 90%
Outer Sheath Material	Low Smoke Halogen Free, UV Resistant
Outer Sheath Colour	Black

## Electrical Characteristics

Impedance	75 $\Omega$
Velocity of Propagation	87%
Capacitance	15.6 pF/ft (51.2 pF/m)
Voltage Withstand	4.0 kV
Jacket Spark	8.0 kV (rms)
Conductor Resistance	$\leq 4.7 \Omega/\text{km}$
Outer Conductor Resistance	$\leq 5.7 \Omega/\text{km}$
Return Loss (30-2500MHz)	$\geq 15 \text{ dB}$
Peak Power	40.0 kW

## Physical Characteristics

Overall Diameter	15.0 mm
Min. Bend Radius	38.1 mm
Temperature Rating	-35°C to +80°C
Weight	201 kg/km

## Standards

RoHS2 Compliant	Yes
Low Smoke Generation	IEC 61034-2
Halogen Gas Emission	IEC 60754-1&2
Flame Retardant	IEC 60332-1-2, 60332-3-24 Cat C