

RF-400 75 Ohm LSHF

Part No: 400H-75

Description: RF400 75 Ohm Feeder Cable Black LSHF



Construction

Conductor Material	Solid Bare Copper
Stranding	1/1.65 mm
Dielectric	Foamed Polyethylene (FPE)
Diameter of Dielectric	7.24 mm
Screen Material (1)	Bonded Aluminium/Polyester/Aluminium Tape
Coverage (1)	100%
Screen Material (2)	Tinned Copper Wire Braid
Coverage (2)	> 86%
Outer Sheath Material	Low Smoke Halogen Free, UV Resistant
Outer Sheath Colour	Black

Electrical Characteristics

Impedance	75 Ω
Velocity of Propagation	85%
Capacitance	15.9 pF/ft (52.2 pF/m)
Voltage Withstand	2.0 kV
Jacket Spark	8.0 kV (rms)
Conductor Resistance	$\leq 8.2 \Omega/\text{km}$
Outer Conductor Resistance	$\leq 5.5 \Omega/\text{km}$
Return Loss (30-1000MHz)	$\geq 22 \text{ dB}$
(1001-2200MHz)	$\geq 20 \text{ dB}$
(2201-2500MHz)	$\geq 15 \text{ dB}$
Peak Power	10 kW

Physical Characteristics

Overall Diameter	10.3 mm
Min. Bend Radius	24.5 mm
Temperature Rating	-35°C to +80°C
Weight	100 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