

# RF-400 50 Ohm PE

Part No: 400PE

Description: RF400 50 Ohm Feeder Cable Black PE



## Construction

Conductor Material	Copper Clad Aluminium
Stranding	1/2.74 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	Polyethylene, UV Resistant
Outer Sheath Colour	Black

## Electrical Characteristics

Impedance	50 $\Omega$
Velocity of Propagation	85%
Withstand Voltage	2.5 kV
Jacket Spark	8.0 kV (rms)
Capacitance	24 pF/ft (78.7 pF/m)
Conductor Resistance	$\leq 4.6 \Omega/\text{km}$
Outer Conductor Resistance	$\leq 5.4 \Omega/\text{km}$
Return Loss (30-2800MHz)	$\geq 15 \text{ dB}$
Peak Power	16.0 kW

## Physical Characteristics

Overall Diameter	10.3 mm
Min. Bend Radius	24.5 mm
Temperature Rating	-30°C to +85°C
Weight	100 kg/km

## Standards

RoHS2 Compliant	Yes
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