

# RF-240 50 Ohm PE

Part No: 240PE

Description: RF240 50 Ohm Feeder Cable Black PE



## Construction

Conductor Material	Solid Bare Copper
Stranding	1/1.42 mm
Dielectric	Foamed Polyethylene (FPE)
Diameter of Dielectric	3.81 mm
Screen Material (1)	Bonded Aluminium Tape
Coverage (1)	100%
Screen Material (2)	Tinned Copper Wire Braid
Coverage (2)	> 90%
Outer Sheath Material	Polyethylene, UV Resistant
Outer Sheath Colour	Black

## Electrical Characteristics

Impedance	50 $\Omega$
Velocity of Propagation	83%
Capacitance	24.4 pF/ft (80.0 pF/m)
Voltage Withstand	1.5 kV
Jacket Spark	5.0 kV (rms)
Conductor Resistance	$\leq 10.9 \Omega/\text{km}$
Outer Conductor Resistance	$\leq 12.8 \Omega/\text{km}$
Return Loss (30-2800MHz)	$\geq 15 \text{ dB}$
Peak Power	5.6 kW

## Physical Characteristics

Overall Diameter	6.1 mm
Min. Bend Radius	19.1 mm
Temperature Rating	-30°C to +85°C
Weight	50 kg/km

## Standards

RoHS2 Compliant	Yes
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