

# RF195 50 Ohm PE

Part No: 195PE

Description: RF195 50 Ohm Feeder Cable Black PE



## Construction

Conductor Material	Solid Bare Copper
Stranding	1/0.94 mm
Dielectric	Foamed Polyethylene (FPE)
Diameter of Dielectric	2.79 mm
Screen Material (1)	Bonded Aluminium Tape
Coverage (1)	100%
Screen Material (2)	Tinned Copper Wire Braid
Coverage (2)	> 89%
Outer Sheath Material	Polyethylene – UV Resistant
Outer Sheath Colour	Black

## Electrical Characteristics

Impedance	50 $\Omega$
Capacitance	24.3 pF/ft (79.7 pF/m)
Velocity of Propagation	75%
Conductor Resistance	$\leq 24.9 \Omega/\text{km}$
Outer Conductor Resistance	$\leq 16.1 \Omega/\text{km}$
Voltage Withstand	1.5 kV
Jacket Spark	3.0 kV (rms)
Return Loss (30-2800MHz)	$\geq 15 \text{ dB}$
Peak Power	2.5 kW

## Physical Characteristics

Overall Diameter	5.0 mm
Min. Bend Radius	12.7 mm
Temperature Rating	-30°C to +85°C
Weight	30 kg/km

## Standards

RoHS2 Compliant	Yes
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