

Datasheet

RS PRO RG174 PVC Coaxial Cable

Stock No: 178-4178



Construction

Conductor Material	: Copper Clad Steel
Stranding	: 7 /0.16mm
Dielectric	: Solid Polyethylene (PE)
Diameter of Dielectric	: 1.52 (+/- 0.1mm)
Screen Material	: Tinned Copper (64 x 0.10mm)
Coverage	: 85%
Outer Sheath Material	: Polyvinyl Chloride (PVC)
Outer Sheath Colour	: Black

Electrical Characteristics

Impedance	: $50 \pm 3\Omega$
Capacitance	: 105 pF /m
Velocity of Propagation	: 66 %
Conductor Resistance	: $<500 \Omega /\text{km}$

Attenuation

Frequency (MHz)	Attenuation (dB/100m)
10	10.8
50	18.0
100	27.0
200	40.0

Physical Characteristics

Overall Diameter	: $2.80 \pm 0.15\text{mm}$
Min. Bend Radius	: 10 x OD
Temperature Rating	: -10°C to +70°C
Weight	: 16 kg/km

Standards

RoHS2 Compliant	: Yes
-----------------	-------