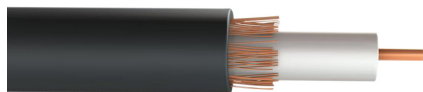


RG59 Coaxial Cable

For Duct Applications

pro-POWER



RoHS
Compliant

Application:

Used to carry baseband video in CCTV applications, previously used for cable television. In general, it has poor shielding but will carry an HQ HD signal or video over short distances. Conductor size is approx 20AWG, so smaller than RG6 or RG11

Construction:

Conductor	: Solid copper clad steel conductor
Insulation	: Solid polyethylene
Screen	: Copper clad aluminium braid
Sheath	: Polyethylene, Black

Technical Information:

Cable Diameter	: 6.1mm nominal
Rated temperature	: 70°C
Conductor resistance	: $\leq 250\Omega/\text{km}$
Insulation resistance	: $> 1,000\text{M}\Omega \text{ km}$
Nominal Velocity Ratio	: 66.7%
Capacitance	: $< 70\text{pF/m}$
Impedance	: $75 \pm 3\Omega$
Attenuation / dB/100m @ 20°C \pm 5%	

10 MHz	<3.5
50 MHz	<8.5
100 MHz	<11.5
200 MHz	<16.8
450 MHz	<26.0
600 MHz	<30.5
860 MHz	<37.5
1000 MHz	<39.5

Part Number Table

Description	Part Number
RG59U Black Duct 100m	A0004APE100
RG59U Black Duct 200m	A0004APE200

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