



RG59 Style Coaxial Cable

Product Type:

Coaxial Cable

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

Standards:

REACH and RoHS compliant

Construction:

Conductor	Solid copper clad steel conductor
Insulation	Solid polyethylene.
Screen	Copper clad aluminium braid.
Sheath	PVC, Black. Other colours available

Technical Information:

Cable diameter 6.1mm nominal

Rated temperature 70°C

Conductor resistance $\leq 235 \Omega/\text{km}$

Insulation resistance $>1000\text{M} \Omega.\text{km}$

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