



RG59 Coaxial and 0.5mm² Control Hybrid Cable

Product Type:

Coaxial Cable

Application:

These cables are designed to meet the increasing demands for camera cables containing a coax with power and control cores for Pan, Tilt, Zoom (PTZ) or sound. This cable has one circular jacket, for easy glanding.

Standards:

REACH and RoHS compliant

Construction:

Core A

Conductor	Solid copper clad steel conductor
Insulation	Solid polyethylene.
Screen	Plain copper braid.
Sheath	PVC, Black.

Core B

Conductor	0.5mm ² stranded plain annealed copper conductor
Insulation	PVC; colours Yellow, Green, Blue, Red

Assembly

Core A assembled with 4 x Core B and an overall polyester tape

Outer Sheath

PVC, Black

Technical Information:

Core A diameter	6.1mm nominal
Core B diameter	1.8mm nominal
Cable diameter	10.4mm nominal

Core A

Conductor resistance	≤ 235 Ω/km @ 20°C
Insulation resistance	>1000M Ω.km
Rated temperature	80°C
Rated Voltage	30V
Capacitance	<70 pF/m
Nominal velocity ratio	66%
Impedance	75 ± 3 Ω

Attenuation / dB/100m @ 20° C ±5%

100 MHz	11.7
500 MHz	28.4
1000 MHz	41.5

Core B

Conductor resistance $\leq 39.7 \Omega/\text{km}$ @ 20°C