RG59/SG COAXIAL CABLE

GUARANTEED QUALITY AND CONSISTENCY

Vista supplies a range of coax cables, developed specifically for the CCTV market, to ensure that the correct quality of copper cabling is being used in installations. With a huge range of RG59 cables on the market, it can be confusing as to which is best for your application.

The RG59-SG coax cable is a 'shotgun' style cable with a copper coated steel core with ≥83% screen coverage in one side and 2 separate cores for power in the other. This allows a single cable run to send the video signal and power to the camera with the one cable, saving time. The coax and power can be easily separated, allowing the RG59 to be taken 150m away without excessive attenuation (signal losses <4dB) for connection to the camera, control equipment or monitor, meaning no visible loss of picture quality and ensured operation on coaxial controlled systems. The power cores can be taken from the camera to the power supply and are colour coded red and black to help avoid any errors in connection.

Constructed with a Low Smoke & Fume (LSF) and UV resistant PVC shield, the cable can be installed externally and with no fluctuation in the specification between batches, quality is guaranteed and comes on cable drums in lengths of 100 & 200 metres and with power cores in either 0.5mm or 0.75mm cross sections.

Key Features:

Shotgun style cable
The dual cable design allows you to run both the video signal and power to the camera at the same time

Copper coated steel conductor
The video signal will travel 150m without any visible loss of image quality

Coax telemetry
Control fully functional cameras from upto 150m away when used with a Quantum H.264 DVR

Excellent braiding coverage
Reduces susceptibility to external interference

Consistency of specification
Unique batch identifier to guarantee consistency

UV resistant
Cable can be laid in external areas exposed to daylight, without deterioration or break-up over time

Low, Smoke & Fume
The cable is designed to minimise toxic fumes, should it be burnt

FLEXIBILTY BY DESIGN™

MODELS IN THIS RANGE

0480090 **RG59/SG5/100** 100m RG59 Copper coated steel coax with 2 x 0.5mm cores, black UV LSF sheath

0480100 **RG59/SG5/200** 200m RG59 Copper coated steel coax with 2 x 0.5mm cores, black UV LSF sheath

0480110 **RG59/SG75/100** 100m RG59 Copper coated steel coax with 2 x 0.75mm cores, black UV LSF sheath

0480120 **RG59/SG75/200** 200m RG59 Copper coated steel coax with 2 x 0.75mm cores, black UV LSF sheath
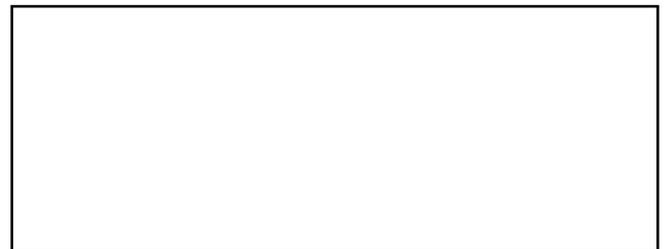
ASSOCIATED PRODUCTS

0442940 **VBNC100** Pack of 100 BNC crimps for RG59 & URM70
0442930 **VBNC** Single BNC crimp for RG59 & URM70
00495900 **VCRIMPTOOL** BNC crimp tool for RG59

TECHNICAL SPECIFICATION

	RG59/SG5	RG59/SG75
Coax Section		
Conductor	Copper coated steel core, 0.58mm Ø	
Braiding	Copper coated aluminium, ≥83% coverage	
Dielectric	Solid Polyethylene (SPE)	
Impedance (Ω)	75Ω +/- 5	
Capacitance	67 pF/metre nominal	
Attenuation	≤2.5dB / 100m @ 5Mz	
Power Section		
Conductor	2 x 0.5mm2 (stranded copper core)	2 x 0.75mm2 (stranded copper core)
Cover	Red & Black PVC	
Outer cover	Black LSF PVC: UV resistant, 6.0mm Ø nominal (Name & batch number printed along the length)	
Lengths	100 & 200m	

POWER CABLE DISTANCES:

Camera type	Operating voltage	Cable used	Max distance between camera & power supply
VFD (CM / DN)	12VDC	RG59/SG5 (2 x 0.5mm2 power cores)	150m
VVRD / VFDA (CM / DN)			110m
VVRD (DNLED - IR on)			60m
VBC502/503 (IR on)			20m
VVRD / VFDA (CM / DN)	24VAC		150m
VVRD (DNLED - IR on)			150m
VBC502/503 (IR on)			115m
VFD (CM / DN)	12VDC	RG59/SG75 (2 x 0.75mm2 power cores)	150m
VVRD / VFDA (CM / DN)			150m
VVRD (DNLED - IR on)			85m
VBC502/503 (IR on)			30m
VVRD / VFDA (CM / DN)	24VAC		150m
VVRD (DNLED - IR on)			150m
VBC502/503 (IR on)			150m

CE

DS-RG59/SG-Version2