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pro series

Industrial / Power / Data / Security / Fibre

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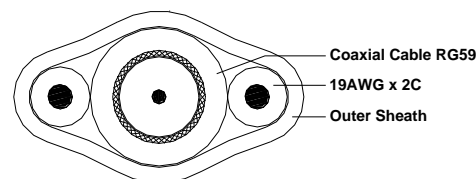
## Part No: CCTVCOM24

Description	Composite cable consisting of :
	<ul style="list-style-type: none"> <li>1 Coax, 23AWG PACW, Solid Dielectric, 84% PACW Braiding, PVC Inner Sheath.</li> <li>2 Cores, 19AWG Stranded PACW, 2Core PVC Insulation, Overall Jacketted with a PVC Outer Sheath.</li> </ul>
Suitable Applications	For networking & low voltage power connection.

### Cable Construction Drawing



### Cable Construction Relative Parts



Coaxial Cable

### Cable Description

#### Coaxial Cable RG59

Conductor	AWG	Standing	Area(mm <sup>2</sup> )	Diameter(mm)	Material
	23	1/0.60	0.29	0.6	PACW
Insulation	Material : Solid PE Nominal Thickness (mm) : 1.5 Nominal OD (mm) : 3.7				
Braiding	Material : PACW		Coverage : 84%		
Jacket	Material : PVC Colour : Black Nominal Thickness (mm) : 0.9 Nominal OD (mm) : 6.2				

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#### Power Cable TCW24

Conductor	AWG	Standing	Area(mm <sup>2</sup> )	Diameter(mm)	Material
	19	24/0.20	0.75	1.13	PACW
Insulation	Material : PVC Colour : Black, Red Nominal Thickness (mm) : 0.75 Nominal OD (mm) : 2.7				

#### Outer Sheath

	Material : PVC Colour : Black Nominal Thickness (mm) : 0.65 Nominal OD (mm) : 7.8 x 13.0				
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### Electrical Properties

#### Coaxial Cable RG59

Max. Conductor DC Resistance @ 20°C	62.0 Ω/km
Nom. Capac. Conductor. to Shield @ 1 KHz	67±2pF/m
Characteristic Impedance	75±3Ω
Voltage Test : Conductor to shield	1.0kV ac/1min
Voltage Test : Core to sheath	1.0kV ac/1min
Voltage Test : Shield to sheath	1.0kV ac/1min

Max. Attenuation (dB /100m)	(MHz)	1	10	50	100	200	400	700	900	1000
	(dB)	2.0	3.7	8.3	11.5	16.5	23.7	32.5	37.2	40.2

#### Power Cores

Max. Conductor DC Resistance @ 20°C	27.5 Ω/km
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### Mechanical Properties

Operating Temperature Range	-15 to 70°C
Max. Recommended Pulling Tension	275N
Min. Bend Radius (install)	80mm
Approximate Mass	12.5kg/100m

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### Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
100m	Wooden Reel	W30 x 21.8cm	1R	
250m	Wooden Reel	W39 x 27.4cm	1R	
300m	Wooden Reel	W45 x 39.4cm	1R	
500m	Wooden Reel	W54 x 39.4cm	1R	

- Madison reserves the right to make changes to the products described in this specification without prior notice
- All values subject to factory tolerances

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