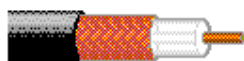




RG 58 C/U



RF Coaxial cable for CCTV and video signals.

Description

50 Ohm coaxial cable suitable for CCTV and video signals. 20 AWG, non-contaminating PVC jacket

PHYSICAL CHARACTERISTICS

Inner conductor :

Number of coax	1
Total number of conductors	1 (stranding 19 x 33)
Conductor diameter	0.91 ± 0.02 mm
Conductor material	TC – tinned copper

Insulation

Insulation material	PE - Polyethylene
Insulation diameter	2.95 ± 0.05 mm

Outer shield

	<i>Layer 1</i>	<i>Layer 2</i>
Outer shield type	Braid	-
Outer shield material	Tinned Copper	-
Coverage	93%	-

Outer sheath

Outer sheath material	PVC – Polyvinyl Chloride
Outer sheath diameter	4.95 ± 0.10 mm

ELECTRICAL CHARACTERISTICS

Nominal characteristic Impedance	50 ± 3 Ohms
Nom. Capacitance Conductor to Shield	100 ± 2 pF/m
Nominal Velocity of Propagation	66%
Nom. Conductor DC Resistance @ 20 Deg.C	10.8 Ohm/305 m
Nom. Outer Shield DC Resistance @ 20°C	4.1 Ohm/305 m
Max. Operating Voltage	1400 V RMS



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Minimum Structural Return Loss :

Start frequency (MHz)	Stop Frequency (MHz)	Minimum S.R.L. (dB)
5	470	> 25
470	862	> 24
862	1000	> 22

Screening efficiency :

30 - 1000 MHz	≥ 65 dB
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Max. Attenuation (dB/100 m):

Frequency (MHz)	10	50	100	230	300	860	1.000	1.350	1.750	2.150	2.400	3.000
Attenuation (dB)	4,7	10,6	15,5	24,0	28,0	52,0	60,0	-	-	-	-	-

MECHANICAL CHARACTERISTICS

Operating Temperature Range	-20°C/+80°C
Installation Temperature	-5°C/+40°C
Minimum Bending Radius	25 mm
Approx. Weight	35.0 gr/m

APPLICABLE STANDARDS

Military Specification	MIL-C-17G, M 17/29
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FLAME TEST

Not applicable

MARKING (in yellow)

F.M.C – RG 58 C/U – 50 Ohm cable CCTV & video Application – 50 dB/800 MHz – *batch number + metrical printing*

PACKAGING & COLORS

Item	Description	Color	Put-up	Put-up Weight (Kgs)
RG58TY100	RG-58 C/U	Black	EasyBox 100m	3.5