

DESCRIPTION

COAXIAL CABLE - 75 OHM

IEC 60096-3 designation 8 /BS EN 50117-1:2002,
BS EN 50117-2-1:2005+A1:2008 designation 370,
BS 5425-1:1977
(coaxial cable for wideband distribution systems)

RG-6C



CONSTRUCTION DATA

A. Inner conductor of plain annealed copper wire	1.00 +/- 0.02mm
B. Dielectric of physical foam polyethylene	4.60 +/- 0.10mm
Outer conductors:	
C. Copper tape longitudinally overlapped	18 x 0.025mm
D. Braid of plain copper wires	53% coverage
E. Outer sheath of PVC	6.70 +/- 0.10mm

ELECTRICAL DATA

Characteristic Impedance	:	75 +/- 3 Ohm
Capacitance	:	52 pF/m +/- 2
Velocity ratio	:	82%
Attenuation (at 20°C)	:	dB/100m

Frequency	Atten. (+/- 5%)	Frequency	Atten. (+/- 5%)
5 MHz	1.3	800 MHz	18.0
50 MHz	4.2	1000 MHz	20.2
100 MHz	5.9	1350 MHz	24.0
200 MHz	8.6	1750 MHz	27.6
460 MHz	13.2	2150 MHz	31.0

Inner conductor resistance: < 26 Ohm/km

Outer conductor resistance: < 16.4 Ohm/km

S.R.L.: 5-470 MHz > 25 dB

470-862 MHz > 20 dB

862-2150 MHz > 20 dB

Minimum bending radius indoor/outdoor : 35/70mm

Screening attenuation : 30-1000 MHz > 75 dB

1000-2150 MHz > 75 dB



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