

# CG100 Digital Coaxial Cable

pro-POWER

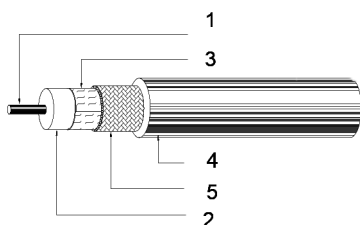


RoHS  
Compliant

## Characteristics:

Item	Description	Standard
Conductor Resistance	20°C, Conductor DC Resistance	<2.6Ω/100M
Min. Insulation DC Resistance	20°C, Insulation DC Resistance	200MΩ × M
Rated Voltage	-	300V
Rated Temperature	-	80°C
Impedance (Ω) at 200MHz	-	75 ±5Ω
Capacitance (pF/m)	-	53.5 (±5) (pF/m)
Attenuation at 20°C (-dB/100m) (±15%)	55MHZ	5.5
	100MHZ	7.1
	211MHZ	10
	400MHZ	13.68
	870MHZ	20.73
	1000MHZ	22.35
	1750MHZ	31.7
Return Loss	5-30MHZ	>23 dB
	30-470MHZ	>23 dB
	470-862 MHZ	>20dB
	862-2150MHZ	>18dB

## Cable Construction:



1. Conductor	Material	Copper Covered Steel (26%)		
	Nom.O.D.(mm)	1 × 1	Up	+0.002
			Down	-0.018
2. Insulation	Material	FPE		
	Diameter	4.6 (±0.2)mm		
	Colour	White		
3. Shield	Material	Copper covered aluminium-Foil Shield		
	Colour	Yellow		
4. Braid	Material	Copper Covered Aluminium		
	Nom.O.D.(mm)	0.12 × 64		
5. Jacket	External O.D.	6.5 (±0.25)mm		
	Surface	Clean, Smooth		
	Material	PVC		
	Colour	Black, White & Brown		

## Part Number Table

Description	Part Number
CG100 Digital Coaxial Cable, White, 50m	CG100 WHT 50M
CG100 Digital Coaxial Cable, Brown, 50m	CG100 BRN 50M
CG100 Digital Coaxial Cable, Black, 100m	CG100 BLK 100M
CG100 Digital Coaxial Cable, White, 100m	CG100 WHT 100M
CG100 Digital Coaxial Cable, Brown, 100m	CG100 BRN 100M
CG100 Digital Coaxial Cable, Black, 500m	CG100 BLK 500M
CG100 Digital Coaxial Cable, White, 500m	CG100 WHT 500M

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