

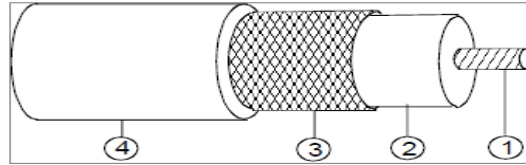
MOONRAKER

www.moonraker-group.com

THCHNICAL DATA SHEET

Ref: RG213 (CU braid)

Composite cable : 50 Ω COAXIAL CABLE



CABLE DESCRIPTION:

CONSTRUCTION	
1)INNER CONDUCTOR	Bare copper :7×0.72(+ / - 0.01)mm
2)DIELECTRIC Diameter(mm)	Solid PE 7.24(±0.20)mm
3)OUTER CONDUCTOR Formation Coverage	Bare copper 24×8×0.12(+ / - 0.008)mm,lay=33(+ / - 3)mm 83%
4)SHEATH Colour Diameter(mm)	PVC Black 10.30(±0.20)mm
MARKING	To be difined

ELECTRICAL DATA	
Characteristic impedance at 200 MHz	50±2 OHMS
Nominal capacity (800 Hz)	100±5.6 pF/m
Insulation resistance at 20 °	> 5000 MOHMS.km
Dielectric strength at 50 Hz, 1 min	> 5000V
Inner Conductor Resistance	< 6.4 Ohms/km
Outer Conductor Resistance	< 10.7 Ohms/km
Velocity of propagation	66%
Maximum attenuation	
At 50 MHz	4.50 dB/100 m
At 100 MHz	6.60 dB/100 m
At 200 MHz	9.90 dB/100 m
At 400 MHz	14.10 dB/100 m
At 550 MHz	16.90 dB/100 m
At 600 MHz	17.80 dB/100 m
At 750 MHz	20.50 dB/100 m
At 860 MHz	21.80 dB/100 m
At 1000 MHz	24.00 dB/100 m

MECHANICAL DATA	
Temperature range	
Static	- 30°C → +80°C
Dynamic	- 20°C → +80°C
Minimum bending radius	70mm