

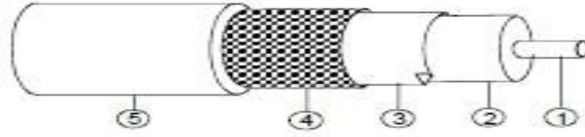
MOONRAKER

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THCHNICAL DATA SHEET

Ref: **RG58 STANDARD** (CCS braid)

50 Ω COAXIAL CABLE-FOR VIDEO SIGNAL TRANSMISSION



CABLE DESCRIPTION:

CONSTRUCTION	
1)INNER CONDUCTOR	Copper Clad Aluminium :19×0.18(+ / - 0.01)mm
2)DIELECTRIC	Solid PE
Diameter(mm)	3.0(+ / - 0.15mm)
OUTER CONDUCTOR	
3)1st shield	AL Pet Foil
Thickness	9/12μm
Min.overlap	2mm
4)2nd shield	Copper covered steel
Formation	16×4×0.12(+ / - 0.008)mm,lay=28.8(+ / - 3)mm
Coverage	63%
5)SHEATH	PVC(semi pressure extrusion)
	The sheath has to be removable manually on 2 cm without too much difficulty.
	≤20 Newton
Colour	Black
Diameter(mm)	5.0mm(+ / - 0.15mm)
MARKING	To be difined

ELECTRICAL DATA	
Characteristic impedance at 200 MHz	50±2 OHMS
Capacitance	100±5.6 Pf/m
Insulation resistance at 20 °	>5000 MOHMS.km
Dielectric withstand at 50 Hz,20mA,1 metre, Between conductor and shield,1Min.	>5000V
Inner Conductor Resistance	<60.5 Ohms/km
Outer Conductor Resistance	<29.0 Ohms/km
Velocity of propagation	66%
Maximum Attenuation at 20 °	
30MHz	8.50dB/100m
50MHz	11.30dB/100m
100MHz	17.40dB/100m
200MHz	23.40dB/100m
400MHz	34.10dB/100m
600MHz	42.70dB/100m
800MHz	48.90dB/100m
1000MHz	54.00dB/100m
Return loss	
30-300MHz	>22 dB
300-1000MHz	>20 dB
MECHANICAL DATA	
Temperature range	- 10°C →+80°C
Min.Bending radius	
Fixed laying	30mm
Mobile laying	60mm