

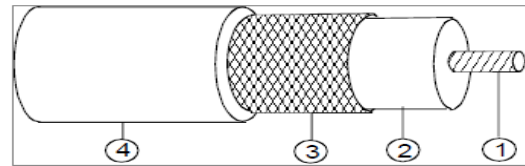
MOONRAKER

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THCHNICAL DATA SHEET

Ref: RG174 (TC braid)

50 Ω COAXIAL CABLE-FOR SECURITY SIGNAL TRANSMISSION



CABLE DESCRIPTION:

CONSTRUCTION		
1)INNER CONDUCTOR		Stranded bare copper :7×0.16(+ / - 0.01)mm
2)DIELECTRIC		Solid PE
Diameter(mm)		1.90(+ / - 0.10)mm
3)OUTER CONDUCTOR		Tinned Copper
Braid		16×4×0.10(+ / - 0.008)mm,lay=28.8(+ / - 3)mm
Formation		75%
Coverage		
4)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)		2.90(+ / - 0.10)mm
Gewicht/Weight		ca.20kg × km
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,1metre,		
Between conductor and shield,1Min.		>5000V
Inner Conductor Resistance		<127 Ohms/km
Outer Conductor Resistance		<37 Ohms/km
Dampfung/Atten:		
db 100m.		
10MHz		9.80dB/100m
100MHz		31.00dB/100m
400MHz		74.00dB/100m
1000MHz		120.00dB/100m
2000MHz		170.00dB/100m
3000MHz		210.00dB/100m
MECHANICAL DATA		
Return loss		
50-1000MHz		>20dB
1000-3000MHz		>18dB
Temperature range		- 10°C → +80°C
Min.Bending radius		
Fixed laying		30mm
Mobile laying		60mm