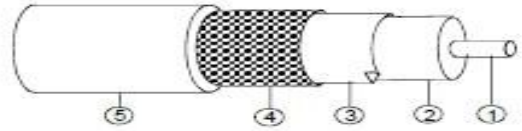
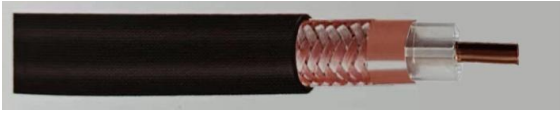


MOONRAKER

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FORMULA ZERO (CU braid) 50 Ω COAXIAL CABLE-FOR CATV SIGNAL TRANSMISSION



CABLE DESCRIPTION:

CONSTRUCTION		
INNER CONDUCTOR		Bare copper
Diameter(mm)		2.59±0.01
DIELECTRIC	(Lotus root core)	Solid PE
Diameter(mm)		7.00±0.20
OUTER CONDUCTOR		
1/Foil shielding		Copper/ Polyester Tape
thickness (mm)		>0.05
Coverage		>100%
2/Braid		Bare Copper
Formation		16×6×0.15mm
Lay		32.00(+ / - 3)mm
Min Coverage		61%
SHEATH		
Colour		Black
min thickness		1.0mm
Diameter(mm)		10.30±0.20
MARKING		To be defined
ELECTRICAL DATA		
Characteristic impedance at 200 MHz		50±2 OHMS
Capacitance		100±5 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		<3.3 Ohms/km
Outer Conductor Resistance		<14.5 Ohms/km
Velocity of propagation		66%
Dampfung/Atten: db 100m.	10MHz 100MHz 400MHz 1000MHz	1.33dB/100m 4.12dB/100m 9.10dB/100m 15.02dB/100m
MECHANICAL DATA		
Return loss		
	30-300MHz	>22 dB
	300-1000MHz	>20 dB
Temperature range	- 10°C → +70°C	
Min.Bending radius		
Fixed laying	100mm	
Mobile laying	200mm	