

Material Specification

1.SMA Connector:

Center Pin:Brass/Gold

Insulator:Teflon

Body:Brass/Gold

2.Heat Shrink Tube:

Color:Black

3.Cable:

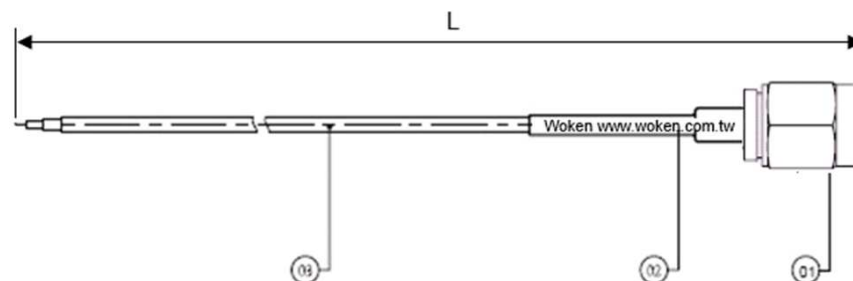
φ1.37mm Mini Coaxial Cable

Color:Black

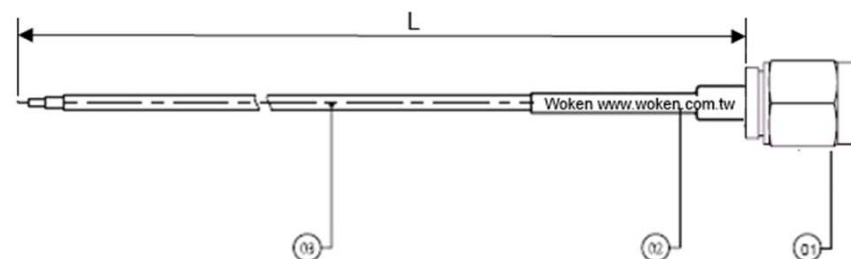
Stripped Size:Customized



長度含接頭:



長度不含接頭:



General Tolerance				  Woken Technology Inc.	
0.5~10mm		±0.2		CODE	DWG TITLE
11~100mm		±5.0			
101~500mm		±10.0			
501~1000mm		±15.0			
1001~2000mm		±20.0			
2000~5000mm		±50.0		SIZE A4	SMA(M)-Stripped for φ1.37mm Mini Coaxial Cable Assembly
UNLESS OTHERWISE SPECIFIED					
THIRD ANGLE PROJECTION		DRAWN	Terence	09/03/10'	DWG NO. 00100A1H400XXX
		ENGR	Jack	09/03/10'	
		APVD	James	09/03/10'	
				REV A	



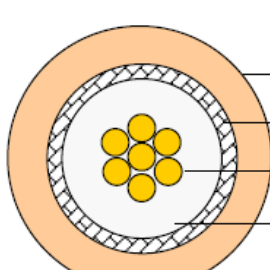
Wake up your further dream.



φ 1.37mm Mini Coaxial Cable Physical Characteristics

Center Conductor	Construction Size	0.102±0.003mm
	Standard Diameter	0.31mm Silver Coated Copper
Insulation	Average Thickness	0.30mm
	Diameter	0.92±0.03mm FEP
Braid Shield	Construction	16/6/0.050 ±0.003 mm
	Coverage	95%
	Diameter	1.15±0.05mm Tinned Coated Copper
Jacket	Average Thickness	0.13mm
	Overall Diameter	1.37±0.05mm FEP(Black)
Min. Bending Radius		9mm

φ 1.37mm Mini Coaxial Cable Electrical Characteristics

Impedance	50 ± 3ohms	
Operating Temperature	-60~+105°C	
Capacitance	96±3pF/m	
Conductor Resistance	335 ohms/KM at 20°C (max.)	
Operating Frequency	6GHz	
Velocity of propagation	69%	
 Jacket Braid Shield Conductor Insulation	Maximum Attenuation(dB/M) @ 1.8GHz	2.20
	2.4GHz	2.60
	2.45GHz	2.60
	5.2GHz	3.90
	5.8GHz	4.30
	6GHz	4.30

整條 Assembly 之 Loss 為以下 3 項數值之加總

1. 接頭 Loss : 0.06 x √ 頻率 (2 端都有接頭則需將此數值 x2)
2. 組裝 Loss : 0.12 (2 端都有組裝則需將此數值 x2)
3. 線材 Loss : 依上述 Maximum Attenuation 換算需求長度之 Loss