

Specifications:

Material:

I-PEX Connector:

Contact: Copper Alloy / Gold

Housing: PBT

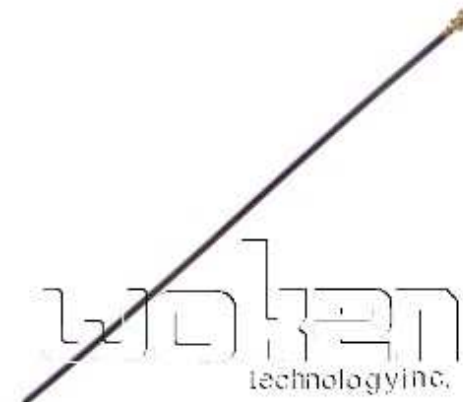
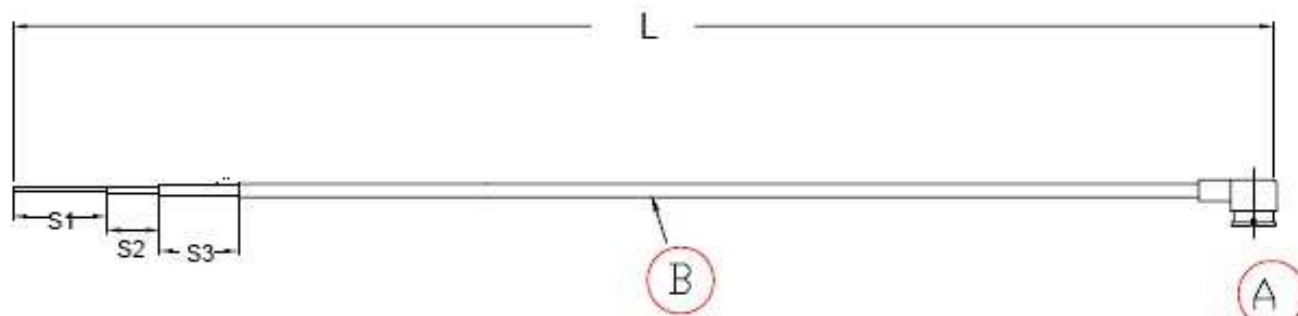
GND Contact: Copper Alloy / Gold

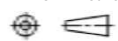
Cable:

Ø 1.37mm Mini Coaxial Cable

Color: Gray

Stripped Size: Customize



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			
UNLESS OTHERWISE SPECIFIED				SIZE A4	DWG NO.
THIRD ANGLE PROJECTION		DRAWN	Terence		
		ENGR	Jack		
		APVD	James	REV A	0010043H600XXX
			08/03/10'		
			08/03/10'		
			08/03/10'		



Wake up your further dream.



φ 1.37mm Mini Coaxial Cable Physical Characteristics

Center Conductor	Standard Diameter	0.306±0.02mm Tin Copper Wire
Insulation	Diameter	0.9±0.03mm FEP
Outer Conductor	Coverage	90±5%
	Diameter	1.13±0.05mm Tinned Copper Wire
Jacket	Overall Diameter	1.37±0.05mm FEP(Black)
Min. Bending Radius		5mm

φ 1.37mm Mini Coaxial Cable Electrical Characteristics

Impedance	50 ± 2ohms	
Operating Temperature	-55~+150°C	
Capacitance	96pF/m	
Operating Frequency	6GHz	
Velocity of propagation	70%	
Maximum Attenuation(dB/M) @	1GHz	1.82
	2GHz	2.67
	3GHz	3.21
	4GHz	3.74
	5GHz	4.27
	6GHz	4.80



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