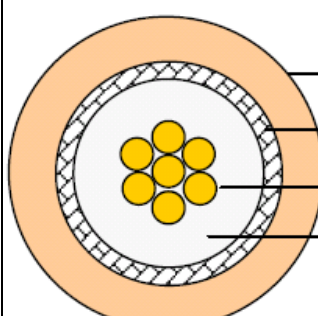




φ 1.32mm Mini Coaxial Cable Physical Characteristics

Center Conductor	Construction Size	0.080mm
	Standard Diameter	0.240mm Silver Coated Copper
Insulation	Average Thickness	0.22mm
	Diameter	0.68±0.02mm FEP
Braid Shield	Construction	16/4/0.050 mm
	Coverage	90 %
	Diameter	0.92±0.03mm Tinned Coated Copper
Jacket	Average Thickness	0.20mm
	Overall Diameter	1.32±0.05mm FEP(Gray)

φ 1.32mm Mini Coaxial Cable Electrical Characteristics

Impedance	50 ± 3ohms	
Capacitance	96±3pF/m	
Conductor Resistance	545 ohms/KM at 20°C (max.)	
Operating Frequency	6GHz	
Velocity of propagation	69 %	
 Jacket Braid Conductor Insulation Maximum Attenuation(dB/M) @	1GHz	2.0
	2GHz	3.02
	2.4GHz	3.35
	3GHz	3.81
	5GHz	5.02
	6GHz	5.22

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



沃肯科技有限公司

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Specifications:

Material:

I-PEX Connector:

Contact: Copper Alloy / Gold

Housing: PBT

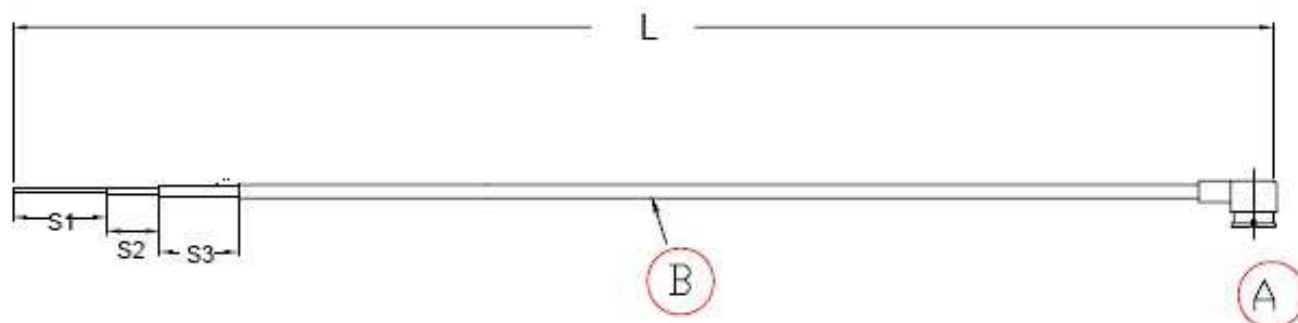
GND Contact: Copper Alloy / Gold

Cable:

Ø 1.32mm Mini Coaxial Cable

Color: Gray

Stripped Size: Customize



General Tolerance				  Woken Technology Inc.		
0.5~10mm		±0.2		CODE	DWG TITLE IPEX-I (M)-客製剝線 for φ1.32mm Cable Assembly	
11~100mm		±5.0				
101~500mm		±10.0				
501~1000mm		±15.0				
1001~2000mm		±20.0				
2000~5000mm		±50.0		SIZE A4	DWG NO. 0010043H500XXX	
UNLESS OTHERWISE SPECIFIED						
THIRD ANGLE PROJECTION 		DRAWN	Terence	08/03/10'		
		ENGR	Jack	08/03/10'		
		APVD	James	08/03/10'	REV A	