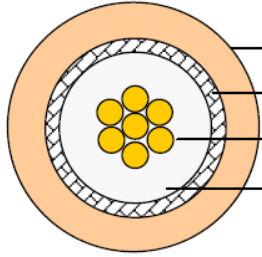




6GHz ϕ 0.81mm Flexible Coaxial Cable Physical Characteristics

Center Conductor	Construction Size	0.050mm
	Stranded Diameter	0.15mm Silver-Coated Copper
Insulation	Average Thickness	0.13mm
	Diameter	0.4$\pm$0.01 mm EEP
Braid Shield	Construction	8/6/0.050 mm
	Coverage	95%
	Diameter	0.65$\pm$0.02mm Silver-Coated Copper
Jacket	Average Thickness	0.08mm
	Overall Diameter	0.81$\pm$0.03mm FEP(Gray)

6GHz ϕ 0.81mm Flexible Coaxial Cable Electrical Characteristics

Impedance	50 $\pm$ 3ohms	
Capacitance	96$\pm$3 pf/m	
Conductor Resistance	1394 ohms/KM at 20°C (max.)	
Velocity of propagation	69%	
Max Frequency	6GHz	
Maximum Attenuation(dB/M) @ 	2GHz	4.6
	2.4GHz	5.0
	3GHz	5.8
	4GHz	6.7
	5GHz	7.5
	6GHz	8.0

整條 Assembly 之 Loss 為以下 3 項數值之加總

1. 接頭 Loss : 0.06 x $\sqrt{\text{頻率}}$ (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

Specifications:

Material:

I-PEX Connector:

Contact: Copper Alloy / Gold

Housing: LCP

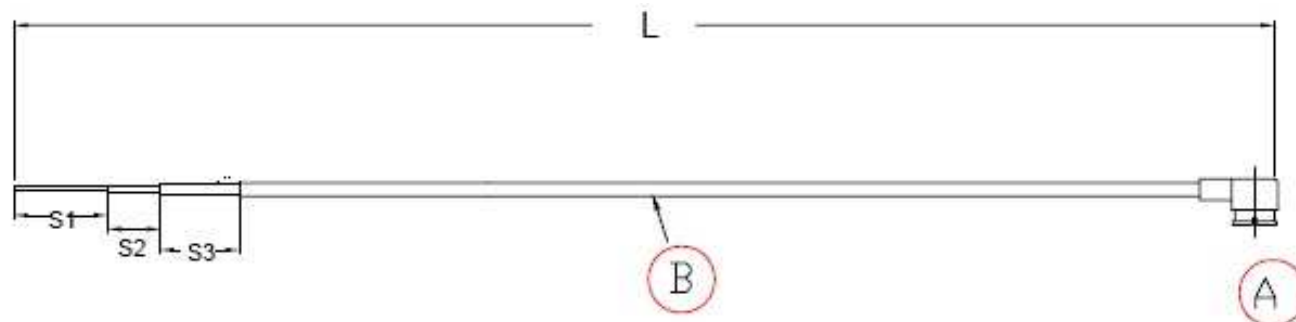
GND Contact: Copper Alloy / Gold

Cable:

Ø 0.81mm 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. 0010043H300XXX
THIRD ANGLE PROJECTION		DRAWN	Terence		
		ENGR	Jack		
		APVD	James		
			08/03/10'	REV A	