



Semi-Rigid .047 Cable Physical Characteristics

Center Conductor	0.29±0.02mm Silver Plated Copper Clad Steel Wire
Dielectric Diameter	0.95±0.05mm PTFE
Outer Shield	1.2±0.05mm TC
Min. Bending Radius Static	4.2mm

Semi-Rigid .047 Cable Electrical Characteristics

Impedance	50 ± 2ohms	
Capacitance	95 pF/m (nom.)	
Operating Frequency	20GHz	
Operating Temperature	-55~125℃	
Maximum Attenuation(dB/m) @ 	0.5GHz	0.79
	1GHz	1.13
	5GHz	2.59
	10GHz	3.74
	20GHz	5.44

整條 Assembly 之 Loss 為以下 3 項數值之加總

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

1.SMA Connector:

Center Pin:Beryllium Copper/Gold

Insulator:Teflon

Body:Brass/Gold

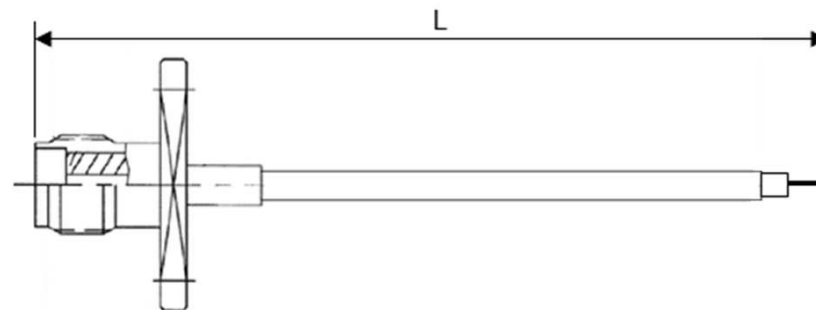
2.Cable:

Semi-Rigid .047 Coaxial Cable

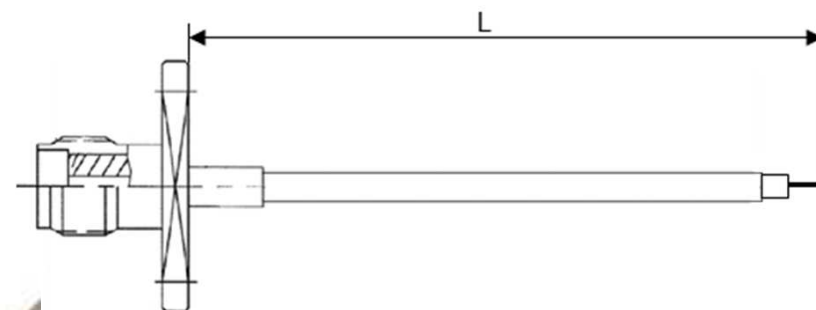
Stripped Size:Customized

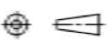


長度含接頭:



長度不含接頭:



General Tolerance				  Woken Technology Inc.	
0.5~10mm		±0.2		CODE	DWG TITLE SMA(F) 2Hole-Stripped for Semi-Rigid .047 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. 00100ACO200XXX
UNLESS OTHERWISE SPECIFIED					
THIRD ANGLE PROJECTION 	DRAWN	Terence	03/01/14'	REV A	
	ENGR	Jack	03/01/14'		
	APVD	James	03/01/14'		