



00100F1L1F1XXX

Cable Assembly

3GHz 75Ω F(M)-F(M) for RG59
Cable Assembly

Features

- ✓ High Repeatability
- ✓ Low VSWR



Test Report

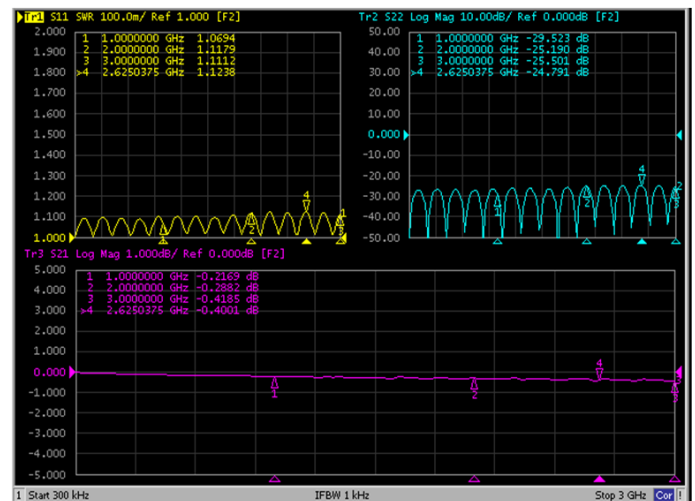
50cm:

Electrical Specifications

Frequency	DC-3GHz
VSWR	1.3:1:(Max.)
Impedance	75Ohm
Connection 1	F Male
Connection 2	F Male

Material

Part	Material	Plated
1.F Connector		
Body	Brass	Nickel(80u")
Center Pin	Brass	Gold(1.5u")
Insulator	Teflon	
2.Heat Shrink Tube		
		Black
3.Cable		
RG59 Coaxial Cable		Black

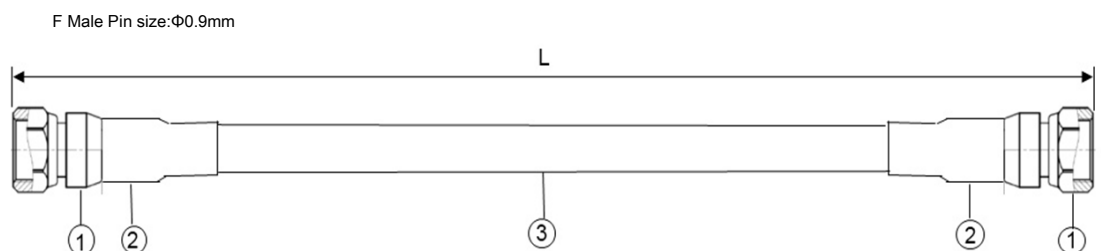


Mechanical

Durability	500 Cycles
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Outling Drawing (Unit:mm)

DIMENSIONS	TOLERANCES
0.5~10mm	±0.2
11~100mm	±5.0
101~500mm	±10.0
501~1000mm	±15.0
1001~2000mm	±20.0
2000~5000mm	±50.0



All Specification Changed Without Notification.



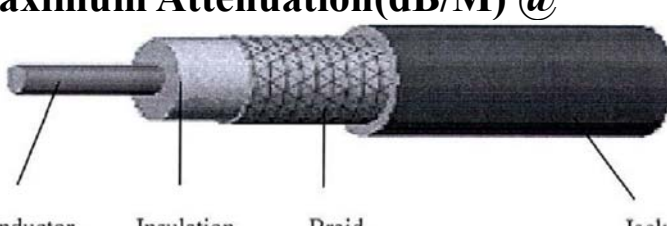
Wake up your further dream.



RG59 Cable Physical Characteristics

Center Conductor	Construction	1/0.643±0.02mm CCS
Insulation	Thickness	1.53mm(Standard) 1.30mm(Min.)
	Diameter	3.71±0.05mm PE
Braid	Construction	AL Foil+112/0.160±0.008mm BC
Jacket	Overall Diameter	6.1±0.15mm PVC(Black)

RG59 Cable Electrical Characteristics

Impedance	75 ± 5ohms	
Capacitance	69±7pF/m	
Maximum Attenuation(dB/M) @ 	10MHz	0.033
	30MHz	0.060
	100MHz	0.120
	200MHz	0.170
	2000MHz	0.720

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