

00100N1L1F1XXX

Cable Assembly

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

Features

- ✓ High Repeatability
- ✓ Low VSWR



Test Report

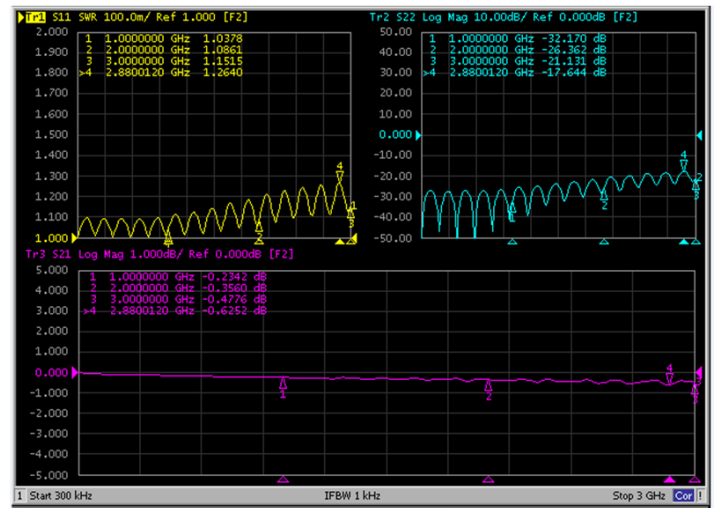
50cm

Electrical Specifications

Frequency	DC-3GHz
VSWR	1.5:1(Max.)
Impedance	75Ohm
Connection 1	N Male
Connection 2	F Male

Material

Part	Material	Plated
1.N Connector		
Body	Brass	Nickel
Center Pin	Brass	Gold
Insulator	Teflon	
2.Heat Shrink Tube		
		Black
3.Cable		
RG59 Coaxial Cable		Black
4.F Connector		
Body	Brass	Nickel
Center Pin	Brass	Gold
Insulator	Teflon	



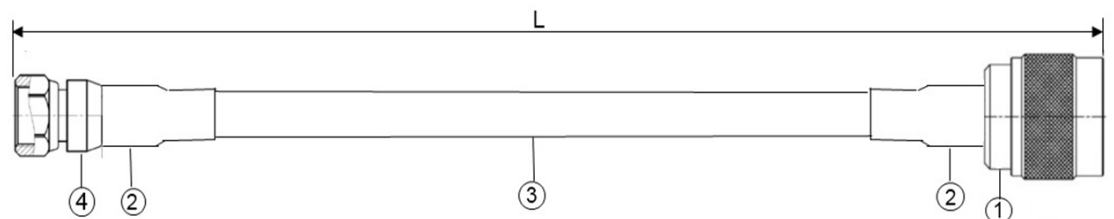
Mechanical

Durability 500 Cycles

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

F Male Pin size:Φ0.9mm





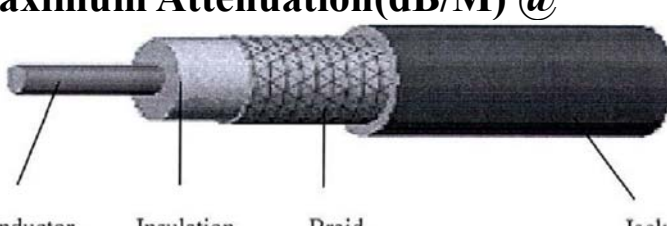
Wake up your further dream.



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