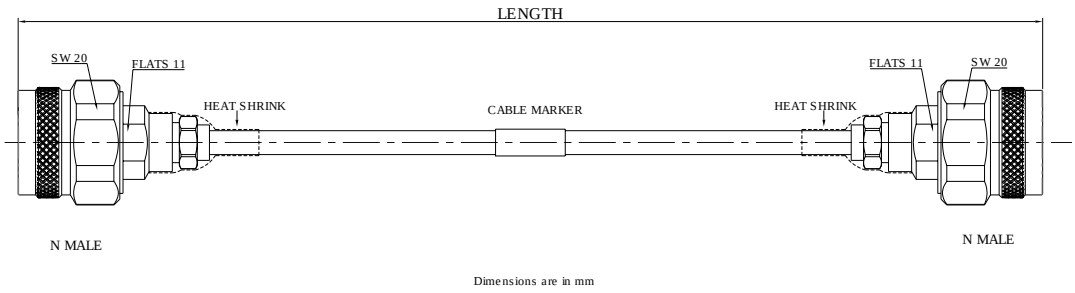
P/N: FRF72-NMNM-XXX

N Male to N Male Cable Assembly | RG-402SS Flexible Coax Cable | DC - 18GHz





Connectors Configuration

	Connector 1	Connector 2
Connector Series	N	N
Connector Polarity	Standard	Standard
Connector Gender	Male	Male
Connector Impedance (Ohm)	50	50
Connector Body Style	Straight	Straight
Connector Body Material	Stainless Steel	Stainless Steel
Connector Body Plating	Passivated	Passivated

Cable Configuration

Cable Type	RG402 Flexible
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Clad Steel Wire
Dielectric Material	Solid PTFE
Number of Shields	2
Shield Layer 1 Material	Silver Plated Copper Strip
Shield Layer 2 Material	Silver Plated Copper Wire
Jacket Material	FEP
Cable Diameter (mm)	4.14
Cable Color	Green
Minimum Bend Radius (mm)	20
Capacitance (pF/m)	96.5
Velocity of Propagation	70 %

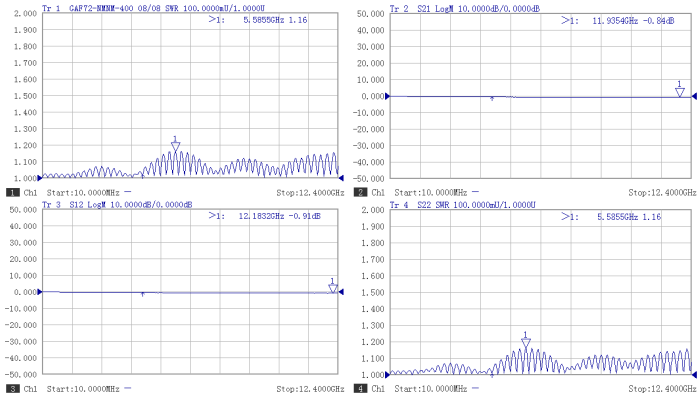
Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
300	±3	DC-18GHz	1.35 to 18GHz	1.0dB to 18GHz
500	±5			1.38dB to 18GHz
600	±5			1.5dB to 40GHz
800	±5			1.96dB to 18GHz
1000	±10			2.35dB to 18GHz
1500	±15			3.3dB to 18GHz
2000	±20			4.3dB to 18GHz
3000	±30			6.25dB to 18GHz

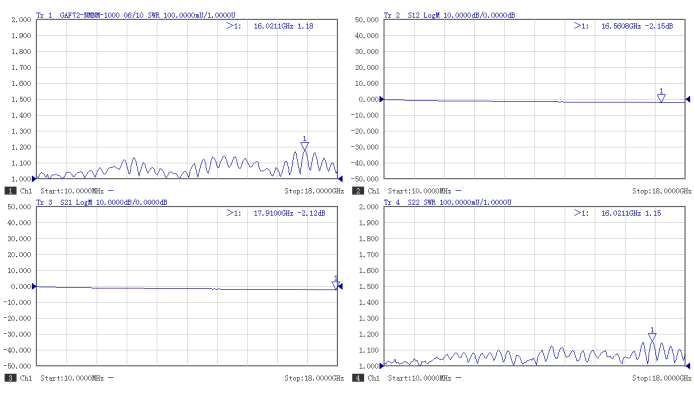
Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-40 ºC to +80 ºC
MIL/STD	N/A

Test Report for Cable assembly



*Note:Test Cable Assembly Length = 400 mm



*Note:Test Cable Assembly Length = 1000 mm

Revision History

Version	Description	Prepared By	Approved By	Date