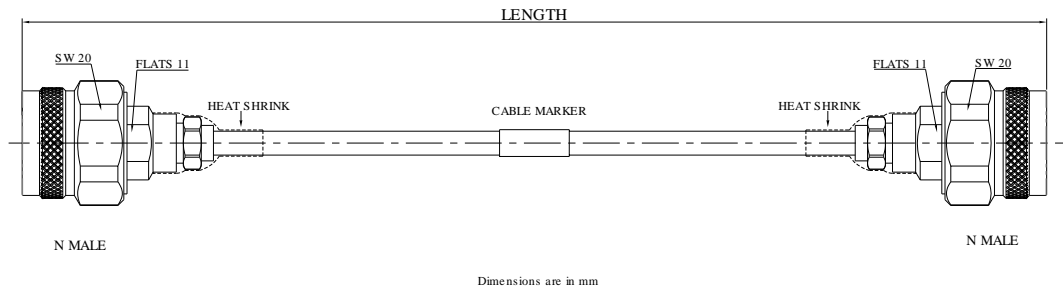


## N Male to N Male Cable Using RG-402SS Flexible Coax, DC - 18GHz

P/N: FRF72-NMNM-XXX



### Product Configuration

Connector 1 Series	N
Connector 1 Polarity	Standard
Connector 1 Gender	Male
Connector 1 Impedance (Ohm)	50
Connector 1 Mount Method	None
Connector 1 Body Style	Straight
Connector 2 Series	N
Connector 2 Polarity	Standard
Connector 2 Gender	Male
Connector 2 Impedance (Ohm)	50
Connector 2 Mount Method	None
Connector 2 Body Style	Straight
Coax Cable	RG-402SS

### Mechanical Data

Connector 1 Body Material	Stainless Steel
Connector 1 Body Plating	Passivated
Connector 2 Body Material	Stainless Steel
Connector 2 Body Plating	Passivated
Out Diameter	4.14mm
Min. Bending Radius	20mm
Mating Cycles, Min	≥500

## N Male to N Male Cable Using RG-402SS Flexible Coax, DC - 18GHz

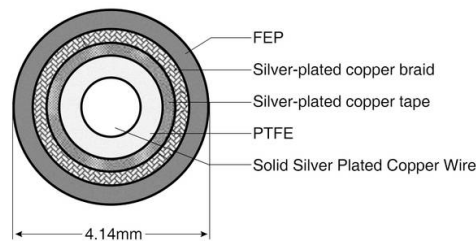
P/N: FRF72-NMNM-XXX

### Environmental Specifications

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

### Cable Specifications

Description	Parameter
Center Conductor	Silver plated copper wire
Dielectric	PTFE
Inner Conductor	Silver-plated copper tape
Outer Conductor	Silver-plated copper braid
Jacket	FEP
Jacket Diameter(mm)	4.14
Capacitance(pF/m)	96.5
Velocity of propagation(%)	70
Min. bending radius(mm)	20
Shielding Effectiveness	> -100dB @ 1GHz



### Part Number List

Part Number	Length(mm)	Frequency	Insertion Loss ≤ (dB)				VSWR
			1GHz	5GHz	10GHz	18GHz	
FRF72-NMNM-1000	1000±10	DC-18GHz	0.51	1.20	1.79	2.52	≤ 1.35 to 18GHz
FRF72-NMNM-800	800±5	DC-18GHz	0.43	1.01	1.49	2.10	≤ 1.35 to 18GHz
FRF72-NMNM-500	500±5	DC-18GHz	0.31	0.71	1.05	1.47	≤ 1.35 to 18GHz
FRF72-NMNM-300	300±3	DC-18GHz	0.23	0.52	0.76	1.05	≤ 1.35 to 18GHz
FRF72-NMNM-100	100±3	DC-18GHz	0.14	0.32	0.46	0.63	≤ 1.35 to 18GHz

Note: Phase Matching is available by request.