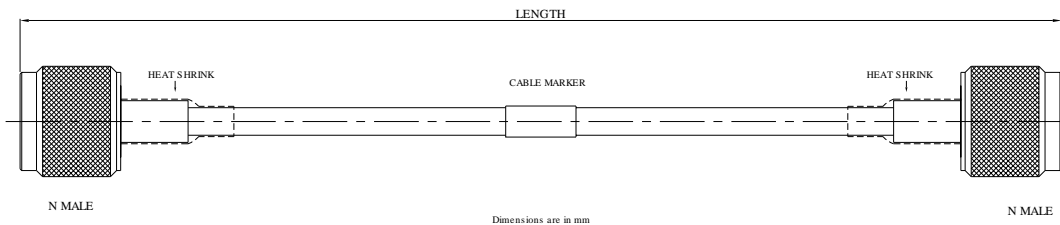


N Male to N Male Cable Using RG223 Flexible Coax, DC - 6GHz

P/N: FRR2-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	RG223

Mechanical Data

Connector 1 Body Material	Brass
Connector 1 Body Plating	Nickel
Connector 2 Body Material	Brass
Connector 2 Body Plating	Nickel
Out Diameter	5.4mm
Min. Bending Radius	25mm
Mating Cycles, Min	≥500

N Male to N Male Cable Using RG223 Flexible Coax, DC - 6GHz

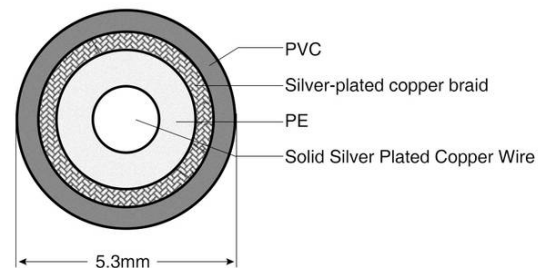
P/N: FRR2-NMNM-XXX

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	PE
Outer Conductor	Silver-plated copper braid
Jacket	PVC
Jacket Diameter(mm)	5.3
Capacitance(pF/m)	101
Velocity of propagation(%)	66
Min. bending radius(mm)	25
Shielding Effectiveness	> 85dB @ 1GHz



Part Number List

Part Number	Length(mm)	Frequency	Insertion Loss ≤ (dB)			VSWR
			1GHz	2.5GHz	6GHz	
FRR2-NMNM-20000	20000±100	DC-6GHz	9.2	17.2	25.2	≤ 1.25 to 3GHz
FRR2-NMNM-2000	2000±10	DC-6GHz	1.25	1.86	3.65	≤ 1.25 to 3GHz
FRR2-NMNM-1500	1500±10	DC-6GHz	0.92	1.45	2.85	≤ 1.25 to 3GHz
FRR2-NMNM-1000	1000±10	DC-6GHz	0.69	1.12	1.95	≤ 1.25 to 3GHz

Note: Phase Matching is available by request.