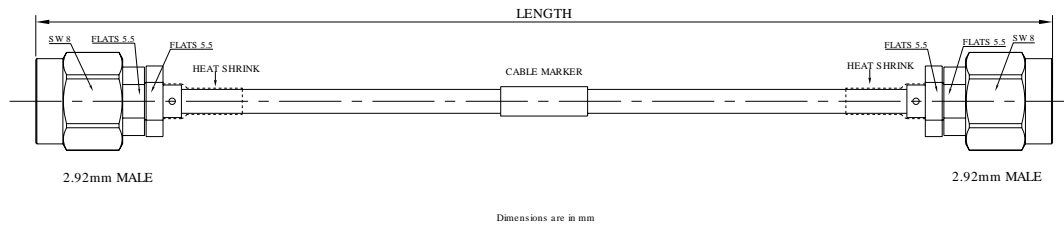


2.92mm Male to 2.92mm Male Cable Using RG-405SS Flexible Coax, DC P/N: FRF71-292M292M-XXX - 40GHz



Product Configuration

Connector 1 Series	2.92mm
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	2.92mm
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-405SS

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	2.54mm
Min. Bending Radius	6.35mm
Mating Cycles, Min	≥500

2.92mm Male to 2.92mm Male Cable Using RG-405SS Flexible Coax, DC - 40GHz

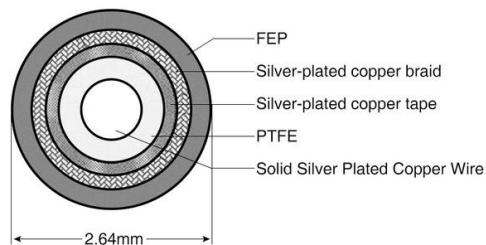
P/N: FRF71-292M292M-XXX

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)	2.64
Capacitance(pF/m)	96.5
Velocity of propagation(%)	70
Min. bending radius(mm)	6
Shielding Effectiveness	> -100dB @ 1GHz



Part Number List

Part Number	Length(mm)	Frequency	Insertion Loss ≤ (dB)				VSWR
			5GHz	10GHz	20GHz	40GHz	
FRF71-292M292M-1000	1000±10	DC-40GHz	1.70	2.50	3.80	6.90	≤ 1.44 to 40GHz
FRF71-292M292M-800	800±5	DC-40GHz	1.40	2.06	3.14	5.66	≤ 1.44 to 40GHz
FRF71-292M292M-600	600±5	DC-40GHz	1.09	1.64	2.48	4.32	≤ 1.44 to 40GHz
FRF71-292M292M-500	500±5	DC-40GHz	0.95	1.42	2.15	3.82	≤ 1.44 to 40GHz
FRF71-292M292M-300	300±3	DC-40GHz	0.65	0.96	1.49	2.56	≤ 1.44 to 40GHz
FRF71-292M292M-260	260±2	DC-40GHz	0.59	0.87	1.35	2.31	≤ 1.44 to 40GHz
FRF71-292M292M-200	200±3	DC-40GHz	0.51	0.74	1.16	1.94	≤ 1.44 to 40GHz
FRF71-292M292M-100	100±3	DC-40GHz	0.35	0.52	0.83	1.32	≤ 1.44 to 40GHz

Note: Phase Matching is available by request.