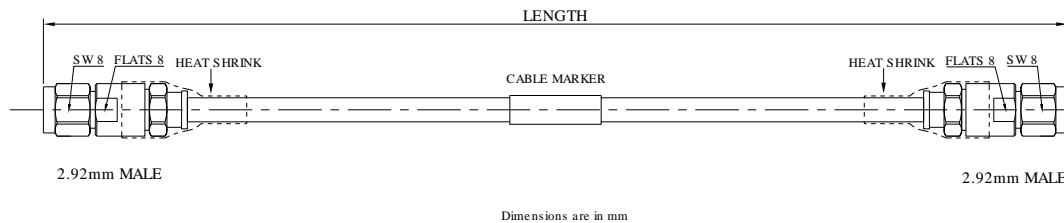


2.92mm Male to 2.92mm Male Cable Using 3507 Series Low Loss Phase Stable Flexible Coax, DC - 40GHz P/N: FRU3-292M292M-XXX



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	3507

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	3.6mm
Min. Bending Radius	6.35mm
Mating Cycles, Min	≥500

2.92mm Male to 2.92mm Male Cable Using 3507 Series Low Loss Phase Stable Flexible Coax, DC - 40GHz

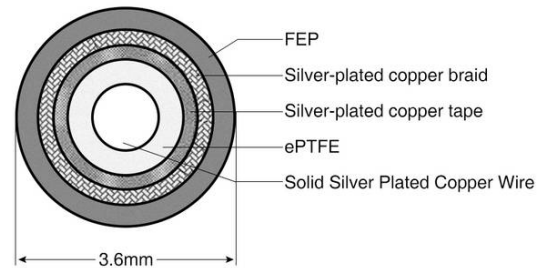
P/N: FRU3-292M292M-XXX

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	ePTFE
Inner Conductor	Silver-plated copper tape
Outer Conductor	Silver-plated copper braid
Jacket	FEP
Jacket Diameter(mm)	3.6
Velocity of propagation(%)	85
Min. bending radius(mm)	6.35
Shielding Effectiveness	> 90dB @ 1GHz



Part Number List

Part Number	Length(mm)	Frequency	Insertion Loss ≤ (dB)				VSWR
			10GHz	18GHz	26.5GHz	40GHz	
FRU3-292M292M-8000	8000±40	DC-40GHz	9.94	13.64	17.26	21.36	≤ 1.35 to 40GHz
FRU3-292M292M-3000	3000±10	DC-40GHz	3.89	5.34	6.76	8.36	≤ 1.35 to 40GHz
FRU3-292M292M-2000	2000±10	DC-40GHz	2.65	3.68	4.66	5.76	≤ 1.35 to 40GHz
FRU3-292M292M-1500	1500±10	DC-40GHz	2.08	2.85	3.61	4.46	≤ 1.35 to 40GHz
FRU3-292M292M-1200	1200±10	DC-40GHz	1.72	2.35	2.98	3.68	≤ 1.35 to 40GHz
FRU3-292M292M-1000	1000±10	DC-40GHz	1.47	2.02	2.56	3.16	≤ 1.35 to 40GHz
FRU3-292M292M-600	600±5	DC-40GHz	0.98	1.36	1.72	2.12	≤ 1.35 to 40GHz
FRU3-292M292M-500	500±5	DC-40GHz	0.865	1.19	1.51	1.86	≤ 1.35 to 40GHz
FRU3-292M292M-400	400±5	DC-40GHz	0.75	1.02	1.31	1.58	≤ 1.35 to 40GHz
FRU3-292M292M-200	200±3	DC-40GHz	0.53	0.72	0.87	1.08	≤ 1.35 to 40GHz

Note: Phase Matching is available by request.