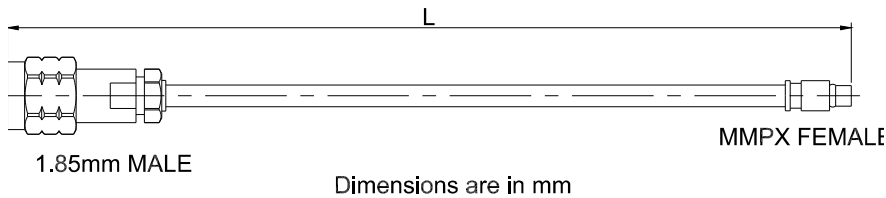


1.85mm Male to MMPX Female Cable Using .086" Semi-flexible Coax, DC P/N: FR711-185MMMPXF-XXX - 67GHz



Product Configuration

Connector 1 Series	1.85mm
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	MMPX
Connector 2 Polarity	Standard
Connector 2 Gender	Female
Connector 2 Impedance (Ohm)	50
Connector 2 Mount Method	None
Connector 2 Body Style	Straight
Coax Cable	UT-085-Form

Mechanical Data

Connector 1 Body Material	Stainless Steel
Connector 1 Body Plating	Passivated
Connector 2 Body Material	Beryllium Copper
Connector 2 Body Plating	Gold
Out Diameter	2.2mm
Min. Bending Radius	6mm
Mating Cycles, Min	≥500

1.85mm Male to MMPX Female Cable Using .086" Semi-flexible Coax, DC - 67GHz

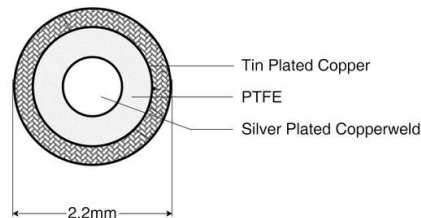
P/N: FR711-185MMMPXF-XXX

Environmental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-40 °C to +80 °C

Cable Specifications

Description	Parameter
Center Conductor	Silver Plated Copperweld
Dielectric	PTFE
Jacket	Tin Plated Copper
Jacket Diameter(mm)	2.2
Capacitance(pF/m)	94
Velocity of propagation(%)	70
Min. bending radius(mm)	6



Part Number List

Part Number	Length(mm)	Frequency	Insertion Loss ≤ (dB)					VSWR
			3GHz	10GHz	18GHz	40GHz	67GHz	
FR711-185MMMPXF-1000	1000±10	DC-67GHz	1.33	2.71	3.65	6.92	9.32	10dB to 67GHz
FR711-185MMMPXF-500	500±3	DC-67GHz	0.785	1.42	2.15	3.82	5.07	10dB to 67GHz
FR711-185MMMPXF-300	300±3	DC-67GHz	0.53	0.96	1.49	2.56	3.37	10dB to 67GHz
FR711-185MMMPXF-200	200±3	DC-67GHz	0.404	0.74	1.16	1.94	2.52	10dB to 67GHz
FR711-185MMMPXF-100	100±3	DC-67GHz	0.27	0.52	0.83	1.32	1.67	10dB to 67GHz

Note: Phase Matching is available by request.