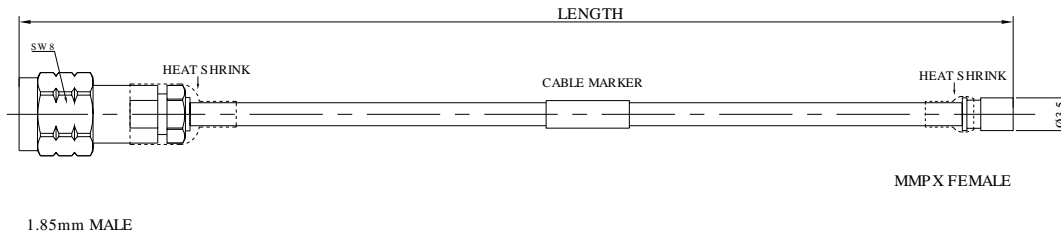


1.85mm Male to MMPX Female Cable Using 3506 Series Low Loss Phase Stable Flexible Coax, DC - 67GHz P/N: FRU2-185MMMPXF-XXX



Dimensions are in mm

Connectors Configuration

	Connector 1	Connector 2
Connector Series	1.85mm	MMPX
Connector Polarity	Standard	Standard
Connector Gender	Male	Female
Connector Impedance (Ohm)	50	50
Connector Mount Method	None	None
Connector Body Style	Straight	Straight
Connector Body Material	Stainless Steel	Brass
Connector Body Plating	Passivated	Gold

Cable Configuration

Cable Type	GT3506
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Wire
Dielectric Material	LD-PTFE
Number of Shields	2
Shield Layer 1 Material	Silver Plated Copper Tape
Shield Layer 2 Material	Silver Plated Copper Braid
Jacket Material	FEP
Jacket Diameter (mm)	2.2
Cable Color	Grey
Minimum Bend Radius (mm)	6
Capacitance (pF/m)	94
Velocity of Propagation	82%
Shielding Effectiveness	> -100dB @ 1GHz

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Phase Stable Flexible Coax, DC - 67GHz

Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC to 67GHz	10dB to 67GHz	1.42 to 67GHz
200	±3			2.01 to 67GHz
300	±5			2.7 to 67GHz
500	±5			3.79 to 67GHz
800	±10			5.60 to 67GHz
1000	±10			6.76 to 67GHz
1500	±15			9.73 to 67GHz
2000	±20			12.5 to 67GHz

Environmental Specifications

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