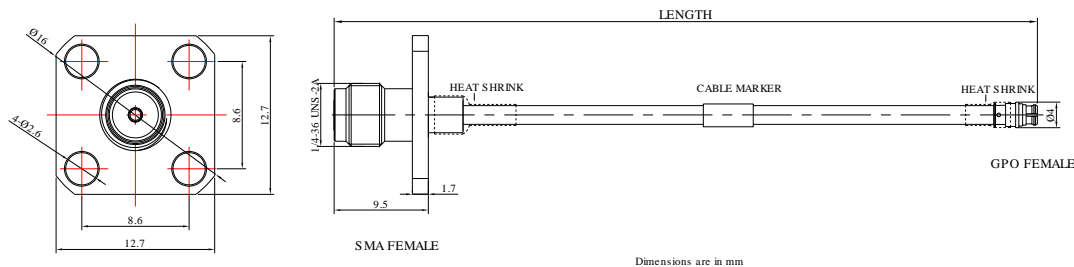


SMA Female with 4 Hole Flange to GPO (SMP) Female Cable Using P/N: FRU2-SMFFGPF-XXX 3506 Series Low Loss Phase Stable Flexible Coax, DC - 18GHz



Connectors Configuration

	Connector 1	Connector 2
Connector Series	SMA	GPO(SMP)
Connector Polarity	Standard	Standard
Connector Gender	Female	Female
Connector Impedance (Ohm)	50	50
Connector Mount Method	4 Hole Flange	None
Connector Body Style	Straight	Straight
Connector Body Material	Brass	Beryllium Copper
Connector Body Plating	Gold	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

SMA Female with 4 Hole Flange to GPO (SMP) Female Cable Using P/N: FRU2-SMFFGPF-XXX
3506 Series Low Loss Phase Stable Flexible Coax, DC - 18GHz

Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC to 18GHz	16dB to 18GHz	0.75 to 18GHz
200	±3			1.06 to 18GHz
300	±5			1.36 to 18GHz
500	±5			1.94 to 18GHz
800	±10			2.83 to 18GHz
1000	±10			3.35 to 18GHz
1500	±15			4.76 to 18GHz
2000	±20			6.20 to 18GHz

Environmental Specifications

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