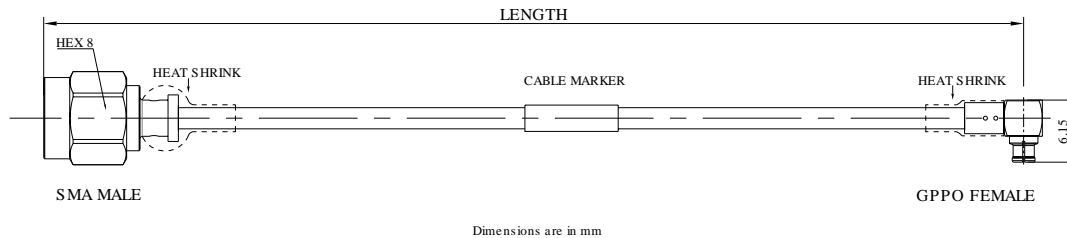


SMA Male to GPPO (Mini-SMP) Female Right Angle Cable Using 3506 Series Low Loss Phase Stable Flexible Coax, DC - 26.5GHz

P/N: FRU2-SMMGPPWF-XXX



Connectors Configuration

	Connector 1	Connector 2
Connector Series	SMA	GPPO(Mini-SMP)
Connector Polarity	Standard	Standard
Connector Gender	Male	Female
Connector Impedance (Ohm)	50	50
Connector Mount Method	None	None
Connector Body Style	Straight	Right Angle
Connector Body Material	Stainless Steel	Beryllium Copper
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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Electrical Data

Electrical Specifications for Different Length				
Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC to 18GHz	14dB 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