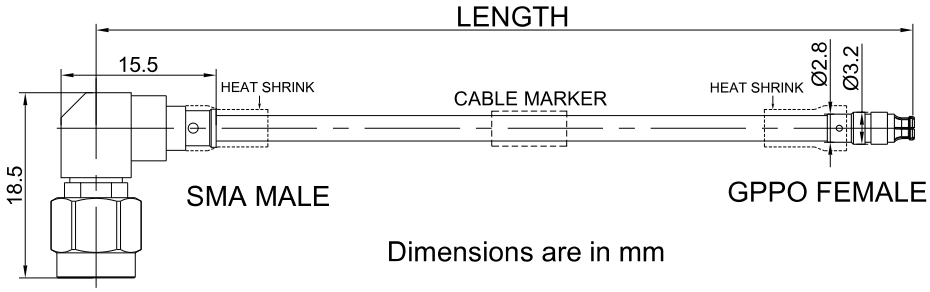
Gwave
Fast Delivery RF Parts.

Datasheet

P/N: GAF71-SMWMGPPF-XXX-18G

SMA Right Angle Male to GPPO(Mini-SMP) Female Cable Assembly | RG-405SS Flexible Coax Cable | DC - 18GHz

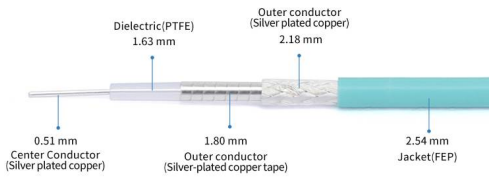


Connectors Configuration

	Connector 1	Connector 2
Connector Series	SMA	GPPO(Mini-SMP)
Connector Polarity	Standard	Standard
Connector Gender	Male	Female
Connector Impedance (Ohm)	50	50
Connector Body Style	Right Angle	Straight
Connector Body Material	Brass	Brass
Connector Body Plating	Gold	Gold

Cable Configuration

Cable Type	RG-405SS
Cable Impedance (Ohm)	50
Inner Conductor Material	Silver Plated Copper Wire
Dielectric Material	PTFE
Number of Shields	2
Shield Layer 1 Material	Silver Plated Copper Tape
Shield Layer 2 Material	Silver Plated Copper Braid
Jacket Material	FEP
Cable Diameter (mm)	2.64
Cable Color	Turquoise
Minimum Bend Radius (mm)	6
Capacitance (pF/m)	96.5
Velocity of Propagation	70%
Shielding Effectiveness	< -100dB @ 1GHz



Gwave Technology Inc

(888)251-2240
87 Patricia Ct, Mountain View, CA 94041
sales@gwavetech.com
www.gwavetech.com

P/N: GAF71-SMWMGPPF-XXX-18G

SMA Right Angle Male to GPPO(Mini-SMP) Female Cable Assembly | RG-405SS Flexible Coax Cable | DC - 18GHz

Electrical Data

Electrical Specifications for Different Length

Length (mm)	Length Tolerance (mm)	Frequency	VSWR / Return Loss	Insertion Loss ≤ (dB)
100	±3	DC - 18GHz	15dB to 18GHz	0.83 to 18GHz
200	±3			1.16 to 18GHz
300	±5			1.49 to 18GHz
500	±5			2.15 to 18GHz
800	±10			3.14 to 18GHz
1000	±10			3.65 to 18GHz
1500	±15			5.15 to 18GHz
2000	±20			6.65 to 18GHz

Enviromental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-45°C to +125°C