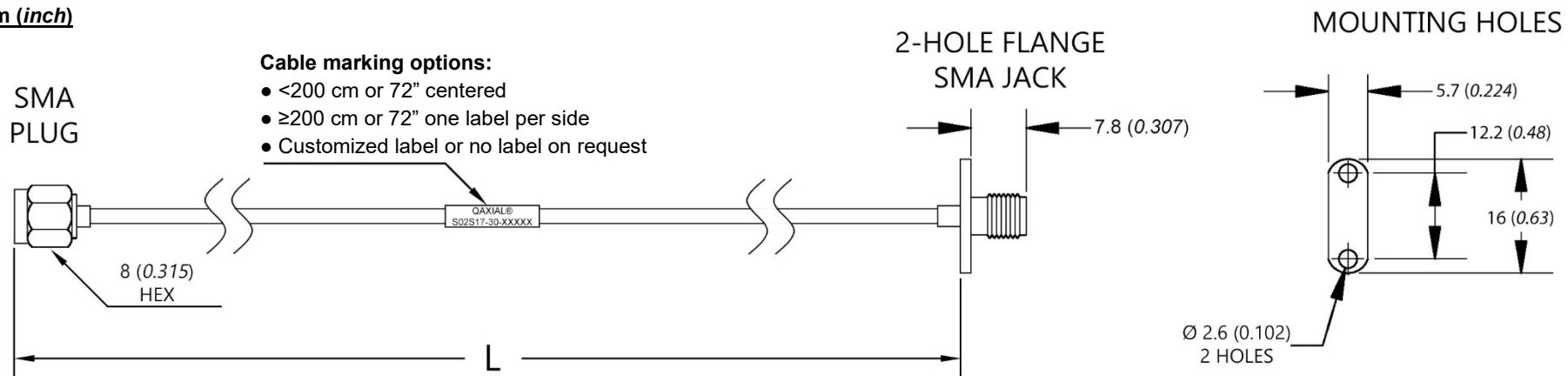


UNIT: mm (inch)



MECHANICAL SPECIFICATIONS					
	Type	Geometry		Material & finishing	
Connector 1	SMA Plug	Straight		Gold-plated Brass	
Connector 2	2-Hole Flange SMA Jack	Straight		Gold-plated Brass	
	Type	Dielectric	Jacket	Ext. diam.	Op. Temp.
Cable	HF086-50 HandyForm	PTFE	-	2.2 mm	-65/+165 °C
ELECTRICAL SPECIFICATIONS					
Frequency range	DC – 18 GHz VSWR ≤1.22 (RL ≥20 dB)				
Impedance	50 Ω				
Frequency (GHz)	Typical Attenuation (dB/m)	Frequency (GHz)	Typical Attenuation (dB/m)		
0.5	0.45	8.0	2.15		
1.0	0.67	10.0	2.40		
2.0	0.99	15.0	3.19		
5.0	1.65	18.0	3.50		

Part #	Length	Part #	Length
S02S19-30-00100	L = 10 cm	S02S19-30-0003N	L = 3 in
S02S19-30-00200	L = 20 cm	S02S19-30-0006N	L = 6 in
S02S19-30-00300	L = 30 cm	S02S19-30-0009N	L = 9 in
S02S19-30-00400	L = 40 cm	S02S19-30-0012N	L = 12 in
S02S19-30-00500	L = 50 cm	S02S19-30-0018N	L = 18 in
S02S19-30-00750	L = 75 cm	S02S19-30-0024N	L = 24 in
S02S19-30-01000	L = 100 cm	S02S19-30-0036N	L = 36 in
Part #	Custom lengths		
S02S19-30-L	Replace L with cable length in mm		
S02S19-30-LN	Replace L with cable length in in		



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