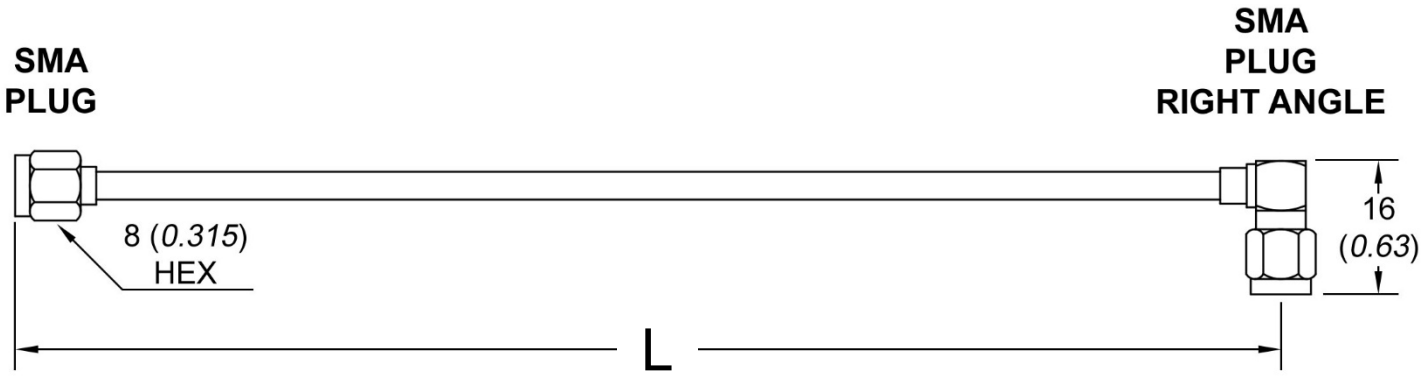

MECHANICAL SPECIFICATIONS					
	Type	**Geometry**		**Material & finishing**	
Connector 1	SMA Plug	Straight		Gold-plated Stainless Steel	
Connector 2	SMA Plug	Right angle		Gold/Passiv Stainless Steel	
	Type	**Dielectric**	**Jacket**	**Ext. diam.**	**Op. Temp.**
Cable	MULTIFLEX_141	PTFE	FEP	4.14 mm	-65/+165 °C

ELECTRICAL SPECIFICATIONS		
Frequency range	DC – 10 GHz VSWR ≤1.22 (RL ≥20 dB)	10 – 18 GHz VSWR ≤1.29 (RL ≥18 dB)
Impedance	50 Ω	

Frequency (GHz)	**Typical Attenuation** (dB/m)	**Frequency** (GHz)	**Typical Attenuation** (dB/m)
1.7	0.53	14.9	1.86
5.0	0.97	18.2	2.10
8.3	1.31	21.5	2.33
11.6	1.59	26.4	2.65

RoHS COMPLIANT

Part #	Standard length
S02S07-71-00250	L = 25 cm
S02S07-71-00500	L = 50 cm
S02S07-71-00750	L = 75 cm
S02S07-71-01000	L = 100 cm
S02S07-71-01500	L = 150 cm
S02S07-71-02000	L = 200 cm

Part #	Custom length
S02S07-71-“L”	Replace **L** with cable length in **mm**

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