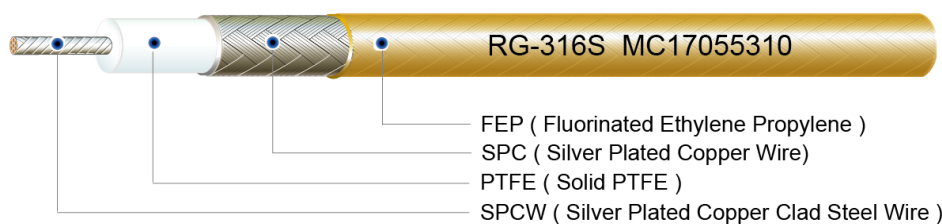


RG-316S**Flexible Coaxial Cable****Construction**

Item	Material	Diameter	Remark
Center Conductor	SPCW	0.51 mm (0.020 inch)	Stranded (7/0.17)
Dielectric	PTFE	1.52 mm (0.060 inch)	Solid
Shield	SPC	2.00 mm (0.079 inch)	Braid
Jacket	FEP	2.50 mm (0.098 inch)	Light Brown

Electrical & Mechanical Data

Characteristic Impedance	50 Ω
Operating Frequency	3 GHz (Max.)
Velocity of Propagation	70 %
Capacitance	105 pF/m
Operating Temperature	- 55 °C ~ 200 °C
Working Voltage	900 Vrms (Max.)
Weight	16 kg / km
Min. Bending Radius	15 mm (Single)

Attenuation

Frequency (GHz)	Max. Attenuation	
	(dB/m)	(dB/ft)
0.10	0.25	0.076
0.20	0.36	0.110
0.40	0.53	0.162
0.50	0.59	0.180
1.00	0.87	0.265
2.00	1.45	0.442
3.00	1.78	0.543