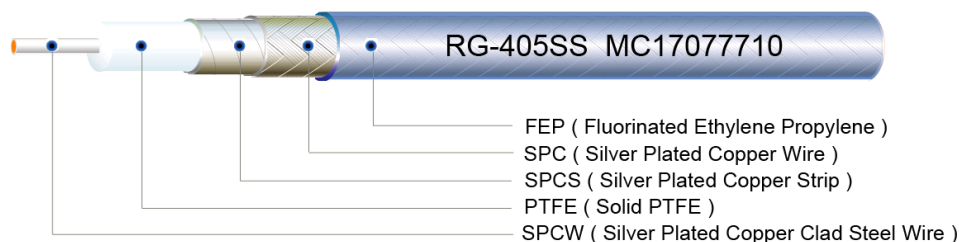


**RG-405SS****Spiral Strip Shield Microwave Cable****Construction**

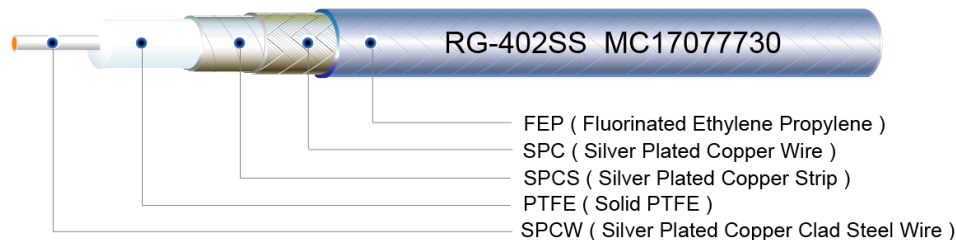
Item	Material	Diameter	Remark
Center Conductor	SPCW	0.51 mm ( 0.0201 inch )	Solid
Dielectric	PTFE	1.63 mm ( 0.064 inch )	Solid
Inner Shield	SPCS	1.80 mm ( 0.071 inch )	Wrapping
Outer Shield	SPC	2.18 mm ( 0.086 inch )	Braid
Jacket	FEP	2.64 mm ( 0.104 inch )	Blue

**Electrical & Mechanical Data**

Characteristic impedance	50 $\Omega$
Operating frequency	20 GHz ( Max. )
Velocity of propagation	70 %
Signal delay	4.75 ns/m
Capacitance	96.5 pF/m
Operating temperature	- 55 °C ~ 200 °C
Shield effectiveness	> -100 dB ( up to 18 GHz )
Working voltage	1,500 Vrms ( Max. )
Weight	19.1 kg / km
Min. bending radius	6 mm ( single ) 20 mm ( multiple )

**Attenuation**

Frequency (GHz)	Max. Attenuation	
	(dB/m)	(dB/ft)
1	0.75	0.229
3	1.29	0.393
5	1.71	0.521
10	2.56	0.780
15	3.22	0.981
18	3.57	1.088
20	3.80	1.158

**RG-402SS****Spiral Strip Shield Microwave Cable****Construction**

Item	Material	Diameter	Remark
Center Conductor	SPCW	0.92 mm ( 0.036 inch )	Solid
Dielectric	PTFE	2.97 mm ( 0.117 inch )	Solid
Inner Shield	SPCS	3.25 mm ( 0.128 inch )	Wrapping
Outer Shield	SPC	3.58 mm ( 0.141 inch )	Braid
Jacket	FEP	4.14 mm ( 0.163 inch )	Blue

**Electrical & Mechanical Data**

Characteristic impedance	50 $\Omega$
Operating frequency	20 GHz ( Max. )
Velocity of propagation	70 %
Signal delay	4.7 ns/m
Capacitance	96.5 pF/m
Operating temperature	- 55 °C ~ 200 °C
Shield effectiveness	> -100 dB ( up to 18 GHz )
Working voltage	1,900 Vrms ( Max. )
Weight	43.6 kg / km
Min. bending radius	20 mm ( single ) 40 mm ( multiple )

**Attenuation**

Frequency (GHz)	Max. Attenuation	
	(dB/m)	(dB/ft)
1	0.41	0.125
3	0.74	0.226
5	0.98	0.299
10	1.47	0.448
15	1.87	0.570
18	2.10	0.640
20	2.24	0.683