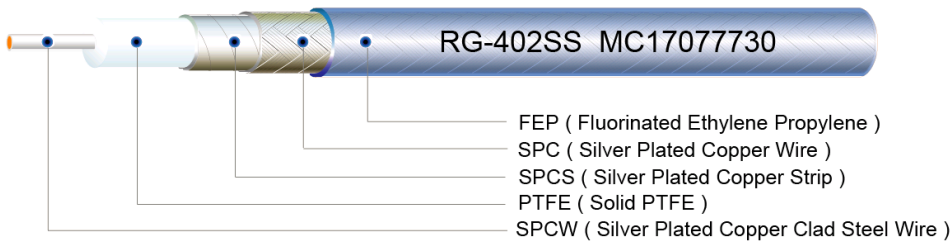


RG-402SS

Spiral Strip Shield Microwave Cable

Equivalent with SS402, Multiflex_141, Semflex SM402, Tflex-402, Multibend 402



Construction

Item	Material	Diameter	Remark
Center Conductor	SPCW	0.94 mm (0.037 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 Ω
Operating Frequency	20 GHz (Max.)
Velocity of Propagation	70 %
Capacitance	96 pF/m
Operating Temperature	- 55°C ~ 200°C
Shield Effectiveness	> -100 dB
Working Voltage	1,900 Vrms (Max.)
Weight	43.6 kg / km
Min. Bending Radius	20 mm (Single)

Attenuation

Frequency (GHz)	Max. Attenuation	
	(dB/m)	(dB/ft)
1	0.43	0.131
3	0.75	0.229
5	0.98	0.299
10	1.47	0.448
15	1.87	0.570
18	2.10	0.640