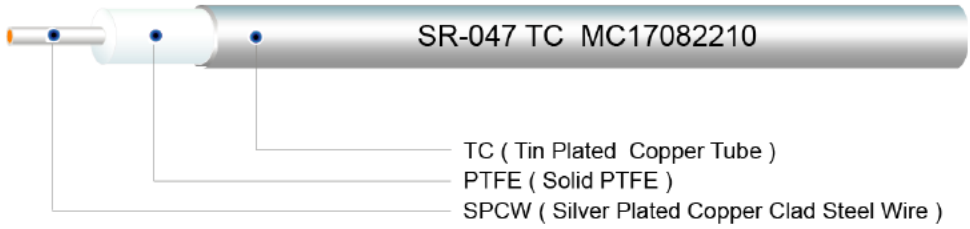
RF Low Loss Microwave Cable *FluoroPolymer Coaxial Cable*

SR-047 TC

Semi-Rigid Coaxial Cable



Construction

Item	Material	Diameter	Remark
Center Conductor	SPCW	0.29 mm (0.0114 inch)	Solid
Dielectric	PTFE	0.94 mm (0.037 inch)	Solid
Outer Conductor	TC	1.19 mm (0.047 inch)	100% Coverage

Electrical & Mechanical Data

Characteristic Impedance	50 Ω
Operating Frequency	20 GHz (Max.)
Velocity of Propagation	69.5 %
Capacitance	105 pF/m
Operating Temperature	- 40℃ ~ 125℃
Shield Effectiveness	< -110 dB
Working Voltage	1000 Vrms (Max.)
Weight	5.7 kg / km
Min. Bending Radius	3.0 mm (Single)

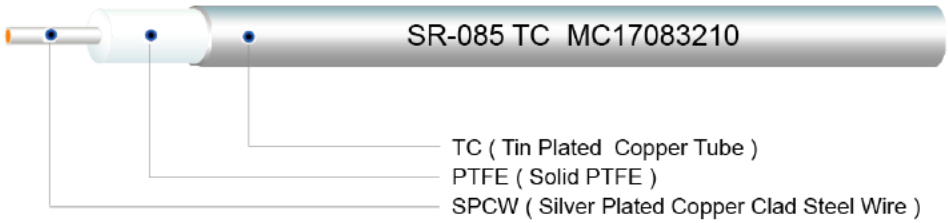
Attenuation

Frequency	Max. Attenuation	
(GHz)	(dB/m)	(dB/ft)
0.5	0.92	0.280
1	1.31	0.399
5	2.95	0.899
10	4.27	1.301
20	6.23	1.899

RF Low Loss Microwave Cable *FluoroPolymer Coaxial Cable*

SR-085 TC

Semi-Rigid Coaxial Cable



Construction

Item	Material	Diameter	Remark
Center Conductor	SPCW	0.51 mm (0.0201 inch)	Solid
Dielectric	PTFE	1.68 mm (0.066 inch)	Solid
Outer Conductor	TC	2.19 mm (0.086 inch)	100% Coverage

Electrical & Mechanical Data

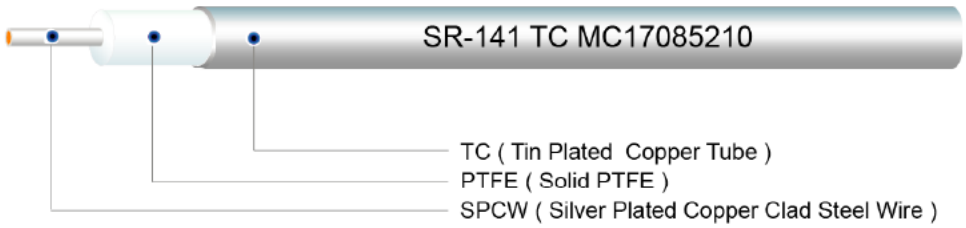
Characteristic Impedance	50 Ω
Operating Frequency	20 GHz (Max.)
Velocity of Propagation	69.5 %
Capacitance	105 pF/m
Operating Temperature	- 40℃ ~ 125℃
Shield Effectiveness	< -110 dB
Working Voltage	1500 Vrms (Max.)
Weight	20.2 kg / km
Min. Bending Radius	3.2 mm (Single)

Attenuation

Frequency	Max. Attenuation	
(GHz)	(dB/m)	(dB/ft)
0.5	0.48	0.146
1	0.72	0.219
5	1.64	0.500
10	2.62	0.799
20	4.27	1.301

SR-141 TC

Semi-Rigid Coaxial 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
Outer Conductor	TC	3.58 mm (0.141 inch)	100% Coverage

Electrical & Mechanical Data

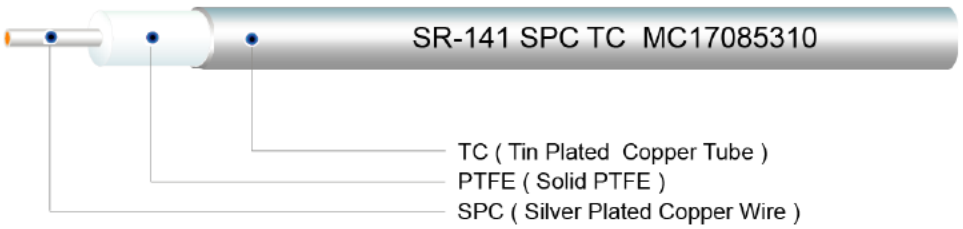
Characteristic Impedance	50 Ω
Operating Frequency	20 GHz (Max.)
Velocity of Propagation	69.5 %
Capacitance	98 pF/m
Operating Temperature	- 40℃ ~ 125℃
Shield Effectiveness	< -110 dB
Working Voltage	1900 Vrms (Max.)
Weight	46.7 kg / km
Min. Bending Radius	6.35 mm (Single)

Attenuation

Frequency (GHz)	Max. Attenuation (dB/m)	(dB/ft)
0.5	0.26	0.079
1	0.39	0.119
3	0.69	0.210
5	0.95	0.290
10	1.48	0.451
18	2.09	0.637
20	2.30	0.701

SR-141 SPC TC

Semi-Rigid Coaxial Cable



Construction

Item	Material	Diameter	Remark
Center Conductor	SPC	0.92 mm (0.036 inch)	Solid
Dielectric	PTFE	2.97 mm (0.117 inch)	Solid
Outer Conductor	TC	3.58 mm (0.141 inch)	100% Coverage

Electrical & Mechanical Data

Characteristic Impedance	50 Ω
Operating Frequency	20 GHz (Max.)
Velocity of Propagation	69.5 %
Capacitance	98 pF/m
Operating Temperature	- 40℃ ~ 125℃
Shield Effectiveness	< -110 dB
Working Voltage	1900 Vrms (Max.)
Weight	46.7 kg / km
Min. Bending Radius	6.35 mm (Single)

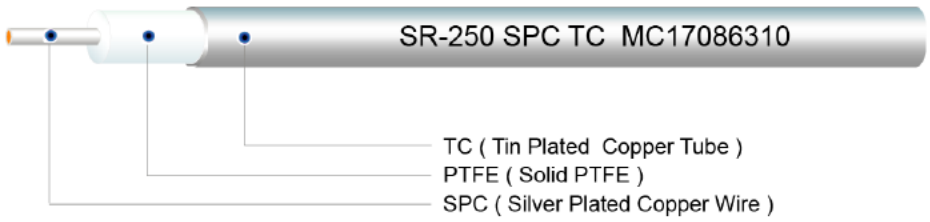
Attenuation

Frequency (GHz)	Max. Attenuation (dB/m)	(dB/ft)
0.5	0.26	0.079
1	0.39	0.119
3	0.69	0.210
5	0.95	0.290
10	1.48	0.451
18	2.09	0.637
20	2.30	0.701

RF Low Loss Microwave Cable *FluoroPolymer Coaxial Cable*

SR-250 SPC TC

Semi-Rigid Coaxial Cable



Construction

Item	Material	Diameter	Remark
Center Conductor	SPC	1.63 mm (0.064 inch)	Solid
Dielectric	PTFE	5.31 mm (0.209 inch)	Solid
Outer Conductor	TC	6.35 mm (0.250 inch)	100% Coverage

Electrical & Mechanical Data

Characteristic Impedance	50 Ω
Operating Frequency	18 GHz (Max.)
Velocity of Propagation	69.5 %
Capacitance	97 pF/m
Operating Temperature	- 40℃ ~ 125℃
Shield Effectiveness	< -110 dB
Working Voltage	1900 Vrms (Max.)
Weight	147 kg / km
Min. Bending Radius	12.7 mm (Single)

Attenuation

Frequency	Max. Attenuation	
(GHz)	(dB/m)	(dB/ft)
0.4	0.15	0.046
1	0.25	0.076
3	0.52	0.158
10	1.08	0.329
18	1.57	0.479