

SRFS TELEINFRA

RG 405 Coaxial Cable



- FEP (Fluorethylene)
- SPC (Silver plated copper braid)
- SPCT (Silver plated copper flat tape)
- PTFE (Polyterafluoroethylene)
- SPCW (Silver plated copper clad steel wire)

Electrical & Mechanical Specifications

Impedance	50 Ω
Frequency	18 GHz (Max.)
Velocity of propagation	70 %
Signal delay	4.8 ns/m
Capacitance	95 pF/m
Operating temperature	- 65°C + 165°C
Shield effectiveness	< -100 dB/m
Working voltage	1500 Vrms (Max.)
Weight	21 kg / km
Min. bending radius	20 mm

Item	Material	Diameter	Remark
Center Conductor	SPCW	0.51 mm (0.020 inch)	Solid
Dielectric	PTFE	1.64 mm (0.065 inch)	Solid
Outer Conductor(1)	SPC	1.80 mm (0.071 inch)	Taping
Outer Conductor (2)	SPC	2.18 mm (0.086 inch)	Braid
Jacket	FEP	2.64 mm (0.104 inch)	Blue

Frequency (GHz)	Max. Attenuation (dB/m)	Average Power (W)
0.5	0.44	195
1.0	0.68	120
2.0	0.99	83
3.0	1.21	68
5.0	1.60	54
10.0	2.47	36
18.0	3.55	26

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