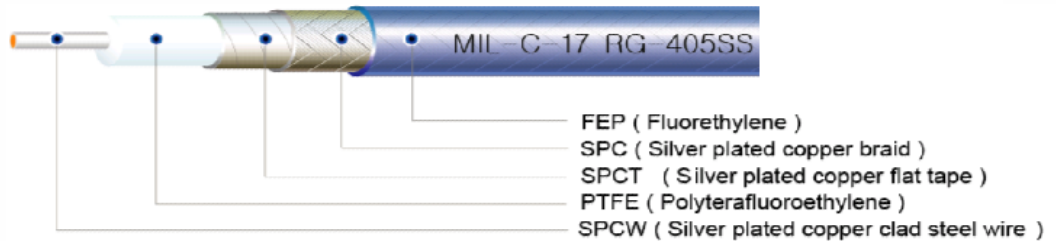


# Synergy Telecom P Ltd.

RG 405 COAXIAL CABLE



## Construction

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

## Electrical & Mechanical Data

Characteristic impedance	50 $\Omega$
Operating 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

## Attenuation

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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