

405 Series Flexible Coax Cable with FEP(Blue) Jacket | DC-20GHz

P/N: RG-405SS

Construction and Parameter

	Material	Diameter
Centre conductor	Silver Plated Copper Covered Steel (SCCS)	0.51mm
Dielectric	PTFE	1.63mm
Outer Conductor 1	SPC	2.18mm
Outer Conductor 2		
Jacket	FEP	2.64mm



Mechanical Data

Colour	Blue
Weight (g)	19.1
Min. Bending Radius	6mm

Environmental Specifications

RoHS Compliant	Yes
Operating Temperature Range	-55°C to +165°C
MIL/STD	N/A
Storage Temperature Range	-55°C to +125°C

Electrical Specifications

Frequency	DC - 20GHz
RF Leakage	100dB
Capacitance (pF/m)	94
Velocity of propagation	70%
Impedance (ohm)	50

Attenuation and Power Data

Attenuation (dB/100m @ 20°C) and power ratings (Watts @ 40°C)		
Frequency (MHz)	Attenuation (dB/100m)	Power (W)
400	0.3dB/m	130
1000	0.75dB/m	119
2000	1.05dB/m	82
3000	1.29dB/m	75
4000	1.48dB/m	56
5000	1.71dB/m	51
6000	1.95dB/m	45
10000	2.56dB/m	34
18000	3.57dB/m	24