

# Product Specifications



## RG405(SR086-50)



Construction 结构	Materials 材料	O.D (mm)尺寸
1.内导体Inner conductor	镀银铜SC	0.51
2.绝缘Dielectric	聚四氟乙烯PTFE	1.68
3.外导体Outer conductor	①无缝退火紫铜管 Seamless annealed copper tube	2.20
	②镀锡（三元合金）无缝退火紫铜管 Tin/Tri-metal plated tube	

Electrical Specifications 电性能	
阻抗Cable impedance	50 ohm
电容Capacitance	95.1 pF/m
速率Velocity	70%
承受电压Dielectric withstanding Voltage	3500 Vrms@60Hz
灭晕电压Corona voltage	1500 Vrms@60Hz
截止频率Cut-off Frequency	61 GHz Max.

Mechanical & Environmental Specifications 机械环境性能	
最下弯曲半径Min. Bend radius	7.63 mm
工作温度范围Working temperature range	-55 ~ +125 °C
外导体承受温度Outer conductor withstanding temperature up limit	175 °C

Attenuation Typical Value 衰减典型值 (@ 25 °C & sea level)		
Frequency(MHz)	Attenuation(dB/m)	Average Power(①/②)(CW)
500	0.45	232.0/190.3
1000	0.64	162.4/133.2
3000	1.26	86.4/70.8
5000	1.51	69.8/57.2
10000	2.22	47.9/39.3
20000	3.29	32.6/26.7