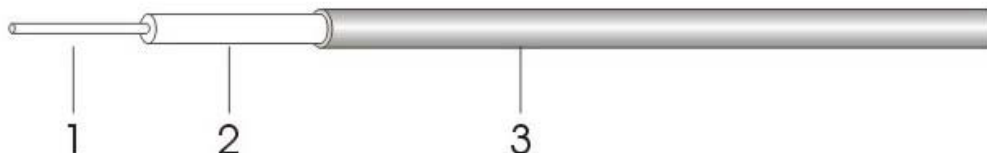


Customer: _____

Topsignal Type: SMT680-070/25T _____

Customer P/N: _____

Specification No.: SR070/25T-001 _____



Construction Specification / 结构尺寸

Item/项目	Material/材料	Diameter/直径(mm)
1 . Inner conductor/内导体	Silver plated copper/镀银铜线	0.81±0.02
2 . Dielectric/绝缘	PTFE/聚四氟乙烯	1.42±0.05
3 . Outer conductor/外导体	Tin plated seamless copper tube/镀锡无缝退火紫铜管	1.78±0.05

Electrical Characteristics/电气性能

Capacitance/电容(pF/m)	Nom. 190.4
Impedance/阻抗(ohm)	25
Velocity/速率(%)	69.5
Corona extinction voltage/灭晕电压(KVrms 50Hz)	1.5
Cutoff frequency/截止频率(GHz)	59

Mechanical and Environmental Characteristics/机械和环境性能

Operating temp./工作温度(°C)	-55 to 125
Min. bending radius static/最小弯曲半径, 单次(mm)	6.0
RoHS/RoHS环保	Compliant/符合

Attenuation @ 20°C and Sea Level, Power/海平面 20°C衰减, 功率

Frequency(GHz)	Attenuation(dB/m)	Average Power(W)
0.5	0.71	101.0
1.0	1.01	71.0
5.0	2.34	30.9
10.0	3.39	21.4
20.0	4.96	14.8