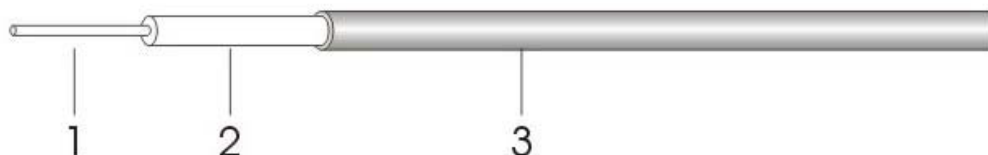


Customer: _____

Topsignal Type: SMT680-141/75 _____

Customer P/N: _____

Specification No.: SR141/75-001 _____



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 clad steel/镀银铜包钢线	0.51±0.02
2 . Dielectric/绝缘	PTFE/聚四氟乙烯	3.00±0.05
3 . Outer conductor/外导体	Seamless copper tube/镀锡无缝退火紫铜管	3.58±0.05

Electrical Characteristics/电气性能

Capacitance/电容(pF/m)	Nom. 68.5
Impedance/阻抗(ohm)	75
Velocity/速率(%)	69.5
Max. operating voltage/最大工作电压(kVrms)	1.9
Cutoff frequency/截止频率(GHz)	34
Voltage withstanding/耐压(kVrms 50Hz/1 min.)	5.0
Insulation resistance/绝缘电阻 (MΩ.km)	5000

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)	12.5
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	0.28	549.0
1.0	0.40	382.2
5.0	0.97	160.6
10.0	1.45	108.6
20.0	2.21	72.4