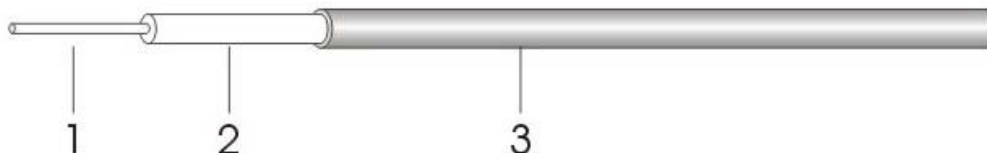


Customer: _____

Topsignal Type: SMT680-141/35 _____

Customer P/N: _____

Specification No.: SR141/35-001 _____



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	1.29±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/退火紫铜管	3.58±0.05

Electrical Characteristics/电气性能

Capacitance/电容(pF/m)	Nom. 136
Impedance/阻抗(ohm)	35
Corona extinction voltage/灭晕电压(kVrms 50Hz)	1.5
Cutoff frequency/截止频率(GHz)	31
Voltage withstanding/耐压(kVrms 50Hz/1 min.)	3.0

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	0.29	552.4
1.0	0.41	384.6
5.0	0.99	161.5
10.0	1.48	109.2
20.0	2.25	71.7