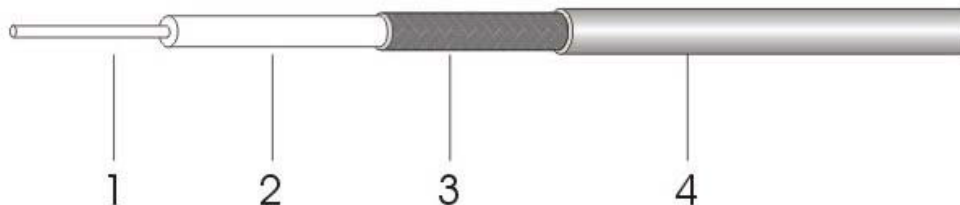


Customer: _____

Topsignal Type: 670-141/100SXE _____

Customer P/N: _____

Specification No.: SF141/100FEP-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	0.28±0.01
2 . Dielectric/绝缘	PTFE/聚四氟乙烯	3.00±0.05
3 . Outer conductor/外导体	Tin soaked copper braid /浸锡铜线编织	3.52±0.10
4 . Jacket/护套	FEP/聚全氟乙丙烯	4.15±0.10

Electrical Characteristics/电气性能

Capacitance/电容(pF/m)	Nom. 48
Impedance/阻抗(ohm)	100
Velocity/速率(%)	70
Max. operating voltage/最大工作电压(kVrms)	1.9
Max. operating voltage/最大工作电压(kVrms)	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)	8
Min. bending radius repeated /最小弯曲半径, 重复(mm)	40
RoHS/RoHS环保	Compliant/符合

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

Frequency(GHz)	Attenuation(dB/m)
0.5	0.35
1.0	0.50
5.0	1.16