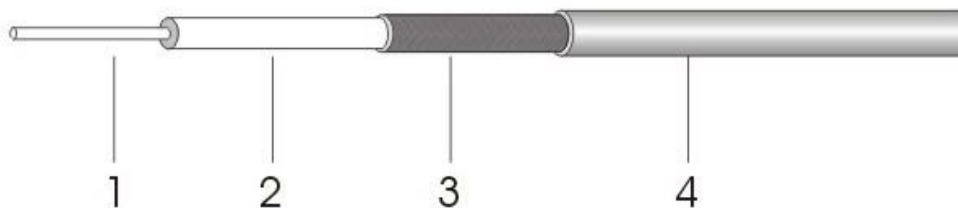


Customer: _____

Topsignal Type: 670-141/71SXE

Customer P/N: _____

Specification No.: SF141/71FEP-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	0.55±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(yellow)/聚全氟乙丙烯(黄色)	4.15±0.10

Electrical Characteristics/电气性能

Capacitance/电容(pF/m)	Nom. 67
Impedance/阻抗(ohm)	71
Velocity/速率(%)	70
Max. operating voltage/最大工作电压(kVrms)	1.9
Voltage withstanding/耐压(kVrms 50Hz/1 min.)	3.0
Insulation resistance/绝缘电阻 (MΩ.km)	5000
Min. shielding efficiency /屏蔽衰减 (dB, up to 4GHz)	100

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,Power/海平面 20°C衰减, 功率

Frequency(GHz)	Attenuation(dB/m)	Average Power(W)
0.5	0.31	549
1.0	0.44	382
5.0	1.07	161