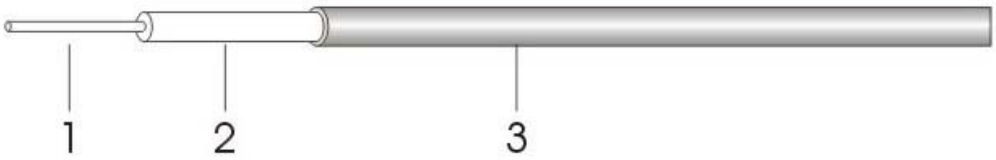
弘讯电子 HONGXUN ELECTRONICS

Semi-Rigid Series Coaxial Cable

Customer: _____ **Topsignal Type:** SMT680-047

Customer P/N: _____ **Specification No.:** SR047-001



Construction Specificatioion / 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	0.29±0.01
2 . Dielectric/绝缘	PTFE/聚四氟乙烯	0.94±0.05
3 . Outer conductor/外导体	Seamless copper tube/无缝退火紫铜管	1.19±0.05

Electrical Characteristics/电气性能

Capacitance/电容(pF/m)	Nom. 95.1
Impedance/阻抗(ohm)	50
Velocity/速率(%)	69.5
Cutoff frequency/截止频率(GHz)	109
Voltage withstanding/耐压(kVrms 50Hz/1 min.)	2.0

Mechanical and Environmental Characteristics/机械和环境性能

Operating temp./工作温度(℃)	-55 to 125
Min. bending radius static/最小弯曲半径，单次(mm)	4.2
RoHS/RoHS环保	Compliant/符合

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

Frequency(GHz)	Attenuation(dB/m)	Average Power(W)
0.5	0.88	67.4
1.0	1.25	47.4
5.0	2.84	20.7

Revision Number: 1.0 Revision Date: 2011-1-25 9:56:15

制作：song 审核：_____ 批准：_____