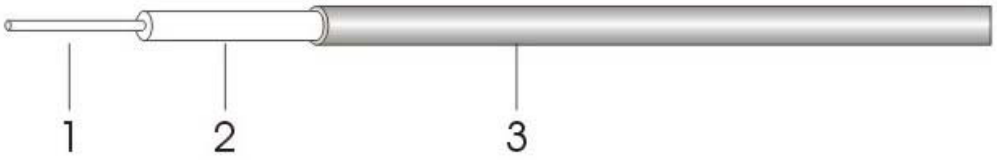
弘讯电子 HONGXUN ELECTRONICS

Semi-Rigid Series Coaxial Cable

Customer:_____ **Topsignal Type:** SFT680-020

Customer P/N:_____ **Specification No.:** SR020-001



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	0.12±0.01
2 . Dielectric/绝缘	FEP/聚全氟乙丙烯	0.43±0.03
3 . Outer conductor/外导体	Seamless copper tube/无缝退火紫铜管	0.595±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)	245
Voltage withstanding/耐压(Vrms 50Hz/1 min.)	750

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)	1.27
RoHS/RoHS环保	Compliant/符合

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

Frequency(GHz)	Attenuation(dB/m)	Average Power(W)
0.5	1.75	20
1.0	2.48	14
5.0	3.62	6.0
10.0	8.10	4.2
20.0	11.5	3.0

Revision Number: 1.0 Revision Date: 2024-6-27

制作：_____ 审核：_____ 批准：_____