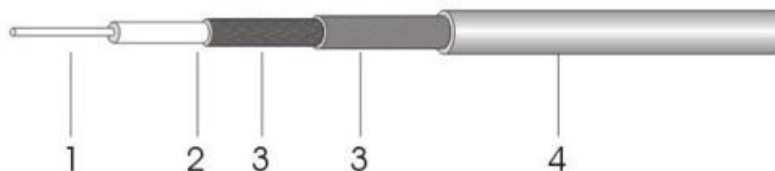


Customer: _____

Topsignal Type: SYV50-2-2 _____

Customer P/N: _____

Specification No.: SYV50/2/2-001 _____



Construction Specification / 结构尺寸

Item/项目	Material/材料	Diameter/直径(mm)
1 . Inner conductor/内导体	Bare copper/裸铜线	$7 \times (0.16 \pm 0.004)$
2 . Dielectric/绝缘	Solid polyethylene/实芯聚乙烯	1.52 ± 0.05
3 . Outer conductor/外导体1	Bare copper braid/裸铜线编织(90%)	---
4 . Outer conductor/外导体2	Bare copper braid/裸铜线编织(90%)	Nom. 2.50
5 . Jacket/护套	PVC(black)/聚氯乙烯 (黑色)	3.50 ± 0.10

Electrical Characteristics/电气性能

Capacitance/电容(pF/m)	Nom. 101
Impedance/阻抗(ohm)	50
Conductor DC resistance/导体直流电阻(Ohm/km@20℃)	126
Voltage withstanding/耐压(KVac 50Hz/1 min.)	2.0
Max. operating voltage/最大工作电压(Vrms)	300

Mechanical and Environmental Characteristics/机械和环境性能

Operating temp/工作温度(℃)	-25 to 70
Min. bending radius static/最小弯曲半径, 单次(mm)	17.5
Min. bending radius repeated /最小弯曲半径, 重复(mm)	25
RoHS/RoHS环保	Compliant/符合

Attenuation @ 20℃ and Sea Level/海平面 20℃衰减

Frequency(MHz)	Attenuation(dB/100m)
1	6.2
10	10.8
100	27.6
200	41.0
400	62.3
1000	111.5