

41010400076 KSR300 规格书

41010400076 KSR300 Specification



深圳金信诺高新技术股份有限公司

Kingsignal Technologies Co.,Ltd.

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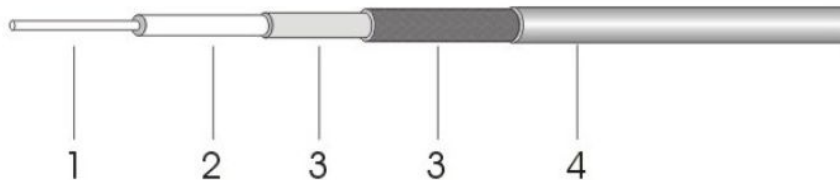


1 基本要求 Basic Requirement

工作温度范围 Working temperature range	-40℃~85℃
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2 外观/结构 Appearance/ Construction

2.1 轮廓图 Outline Drawing



3 类型和规格 Type and Spec

3.1 内导体 Inner Conductor

材料 Material: 铜包铝线 Copper clad aluminum

内导体直径 (包含公差) Inner Conductor Diameter (with tolerance): 1.80mm±0.025mm

3.2 绝缘体 Insulation

材料 Material: 发泡聚乙烯 Foamed PE

绝缘体直径 (包含公差) Insulation Diameter (with tolerance): 4.80mm±0.13mm

3.3 外导体 Out Conductor

材料 Material: 自粘铝箔 Bonded Aluminum foil

镀锡铜线编织 Tin plated copper braid

外导体直径 (包含公差) Outer Conductor Diameter (with tolerance): Nom. 5.70mm

3.4 外护套 Outer Jacket

材料 Material: 聚乙烯 PE

外护套直径 (包含公差) Outer Jacket Diameter (with tolerance): 7.60mm±0.20mm

外护套颜色 Outer Jacket Color: 黑色 Black



厚度 Thickness: Nom.0.95mm

4 电气性能 Electrical Characteristics

4.1 电容 Capacitance

Nom.77 pF/m

4.2 特性阻抗 Characteristic Impedance

$50\Omega \pm 2\Omega$

4.3 传输速率 Velocity

85%

4.4 绝缘电阻 Dielectric resistance

5000M Ω .km

4.5 绝缘耐压 Dielectric strength

2.0kV

4.6 护套耐压 Jacket spark test voltage

5.0kV

4.7 驻波比 VSWR

30-2200MHz ≤ 1.20

2200-2700MHz ≤ 1.25

4.8 海平面 20°C 下衰减 Attenuation @20°C and Sea Level

Freq(MHz)	Nominal Attenuation (dB/100m)
10	2.7
140	10.0
350	15.0
450	17.0
900	22.0
1500	29.0
1700	31.0
1800	32.0
2000	34.0
2400	37.0
2500	39.0



3000	43.9
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5 物理、机械性能 Mechanical and Physical Characteristics

5.1 最小单次弯曲半径 Min. Single Bending Radius

50mm

5.2 最小多次弯曲半径 Min. Flexible Bending Radius

150mm

5.3 护套抗拉强度 Jacket Tensile

≥13Mpa

5.4 护套伸长率 Jacket Elongation

500%

5.5 环保 ROHS/REACH

Yes

6. 存储运输要求 Storage, Transportation

6.1 存储温度为 10℃~+35℃，相对湿度≤80%，周围空气中无酸性、碱性等腐蚀性气体。

Temperature 10 °C ~ +35 °C, relative humidity ≤ 80%, the surrounding air without acid, alkaline and other corrosive gases

6.2 运输搬运过程中不要剧烈振动或碰撞。

Don't be violent vibration and impact during transportation or carrying.

7. 产品应用 Application

通信设备系统 Telecommunications equipment system.