
	产品名称 Part Name	客户编码 Customer P/N	版本 Version	发布日期 Issue Date
	RG213 (PVC) Coaxial Cable		V1.2	2022-07-07




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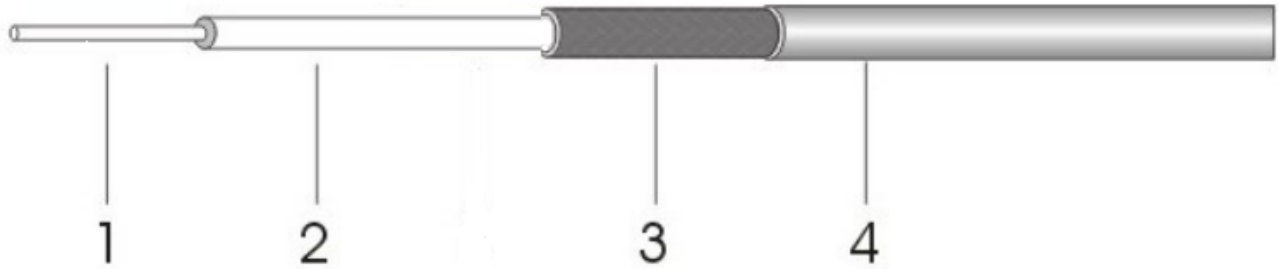
目录 Contents

1 产品结构和描述 Overall Structure and Description	1
2 电气性能 Electrical Characteristics	2
3 物理和机械性能 Mechanical and Physical Characteristics	3
4 防火要求 Fire Protection Requirements.....	3
5 应用环境 Application environment	3
6 禁用和限制物质 Banned and Restricted Substances	3
7 包装 Packages	3
8 参考文件 References	3
9 适用的产品编码和描述 Applicable P/N and description	3
10 修订履历 Revision History.....	3

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1 产品结构和描述 Overall Structure and Description

产品截面图 Section Drawing




结构和描述 Structure and Description

序号 NO.	部件 Construction	材料 Material	尺寸 (毫米) Diameter (mm)
1	内导体 Inner Conductor	裸铜绞线 Stranded Bare Copper	7*0.752±0.008mm/Nom2.26
2	绝缘 Insulation	实心聚乙烯 Solid PE	7.24±0.13mm (Concentric Ratio: ≥85%)
3	屏蔽 Shield	裸铜丝编织(密度 90%) Bare Copper Wire (Coverage 90%)	Nom.7.85mm
4	外护套 Outer Jacket	黑色聚氯乙烯 Black PVC	10.30±0.20mm
5	印字 Marking	According to customer requirement	
7	备注 Remark	1. The surface markings words of the cable which should accord with the corresponding regulation of the standard GB6995.1 (eqv. IEC 60304) should be clear and natty, have no overprint and lack of printing. The marking words which color should not be transferred should be affixed with the cable jacket tightly. 2. The surface markings words should be so clear to identify when they are wiped 10 times gently by water-immersed absorbent cotton or cotton.	

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2 电气性能 Electrical Characteristics

序号 NO.	性能参数 Parameter	限值 Value
1	最大工作电压 (kV DC)	20
	Max. Operating Voltage (V DC)	
2	绝缘电阻 (MΩ.km at 20 °C)	≥5000
	Insulation Resistivity (MΩ.km at 20 °C)	
3	介质电压(1 minute, V DC)	5000 (No Crack)
	Dielectric Strength (1 minute, V DC)	
4	护套电火花测试(V AC)	5000 (No Crack)
	Jacket Spark test(V AC)	
5	特性阻抗	50 ± 2 Ω
	Characteristic Impedance	
6	互电容 (参考/pF/m)	101
	Mutual Capacitance (reference/pF/m)	
7	相对传输速率 (典型值)	66%
	Relative Propagation Velocity (Typical)	
8	回波损耗	5M~1000MHz 23dB Test cable length: ≥5m
	Return Loss	
9	衰减/Attenuation	
	频率/Frequency	典型值衰减/Typical Attenuation
	MHz	dB/100m
	10	2.0
	30	3.6
	50	4.6
	100	6.9
	400	15.2
1000	27.3	
最大值Maximum +5%		
10	认证	The completed cable shall comply with 2006/95/EC(LVD), 2011/65/EU(RoHS)
	Certification	

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3 物理和机械性能 Mechanical and Physical Characteristics

序号 NO.	性能参数 Parameter	限值 Vaule
1	最小弯曲半径 Min. Bending Radius	Single: 50mm Repeated: 205mm

4 防火要求 Fire Protection Requirements

无 No requirement

5 应用环境 Application environment

序号 NO.	性能参数 Parameter	限值 Vaule
1	最低安装温度 Min. Installation Temperature	-25°C
2	储存温度 Storage Temperature	-25°C to +70°C
3	工作温度 Operating Temperature	-20°C to +70°C

6 禁用和限制物质 Banned and Restricted Substances

2011/65/EU (EU)&2015/863

Compliant

7 包装 Packages

According to Kingsignal packaging specifications.

8 参考文件 References

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9 适用的产品编码和描述 Applicable P/N and description

41010600035 RG213 (PVC)

10 修订履历 Revision History

版本 Version	修订内容 Description	制订 Prepared By	审核 Checked By	批准 Approved By
1.0	第一版 First version	HQP	/	Roy.Wang
		2021/02/26	/	2021/02/26
1.1	更新最大工作电压	HQP	/	Roy.Wang
		2022/04/02	/	2022/04/02
1.2	更新直流电阻要求	HQP	/	Roy.Wang
		2022/07/07	/	2022/07/07