

1/4" SUPERFLEXIBLE CABLE



Communications Technology & Engineering Accessories

Rev.V1.2

1/4"超柔"物理发泡皱纹铜管射频电缆 1/4"Superflexible Form Dielectric Feeder Cable (Model: HRY-50-5/ HRY-50-5ZR):

结构尺寸 Construction:

Item	Diameter	Material
内导体 Inner Conductor	1.90 mm	Copper clad aluminum wire
绝缘体 Insulator	4.75 mm	Foamed polyethylene
外导体 Outer Conductor	6.35 mm	Helical corrugated copper tube
护套 Jacket	7.50 mm	Polyethylene or Low Smoke Halogen Free

机械性能 Mechanical Characteristics:

Item	Specification	Remarks
最小弯曲半径 Static Minimum Bending Radius	12.5mm 静态	Single bend
最小弯曲半径 Dynamic Minimum Bending Radius	25.0mm 动态	Repeat for 15 times
抗拉力 Tensile Strength	600N	
电缆重量 Cable Weight	550kg/km	

电气性能 Electrical Characteristics:

Item	Specification	Remarks
特性阻抗 Characteristic Impedance	50Ω±1	
传输速比 Velocity	83%	Nominal value
最小绝缘电阻 Minimum Insulation Resistance	5000MΩ.km	DC 500V 1 minute
电容 Capacitance	80.0pF/m	Nominal value
额定峰值功率 Peak Power Rating	6.4kW	
峰值电压 RF Peak Voltage	0.8KV	
典型电压驻波比 VSWR Typical Value	1.15	800M-1000MHz
	1.15	1700M-2200MHz
	1.15	2200M-2700MHz

衰减系数和额定平均功率 Attenuation & Average Power Rating:

Frequency MHz	Attenuation dB/100m	Average Power kw	Frequency MHz	Attenuation dB/100m	Average Power kw
100	5.60	1.23	1500	23.40	0.30
150	7.25	0.95	1800	25.70	0.27
200	8.00	0.86	2000	26.90	0.26
280	10.20	0.67	2200	28.50	0.25
450	12.20	0.57	2400	30.00	0.24
800	16.70	0.42	2500	30.60	0.23
900	17.50	0.39	3000	33.50	0.21
1000	18.60	0.37			

All specifications are subject to change without notice.

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Website <http://www.gelvo.com>

ADD: 253 NORTH BAICHI ROAD HAIYAN JIAXING ZHEJIANG CHINA

TEL: +86-573-8621 5122

FAX: +86-573-8621 5133

E-mail: sales@gelvo.com

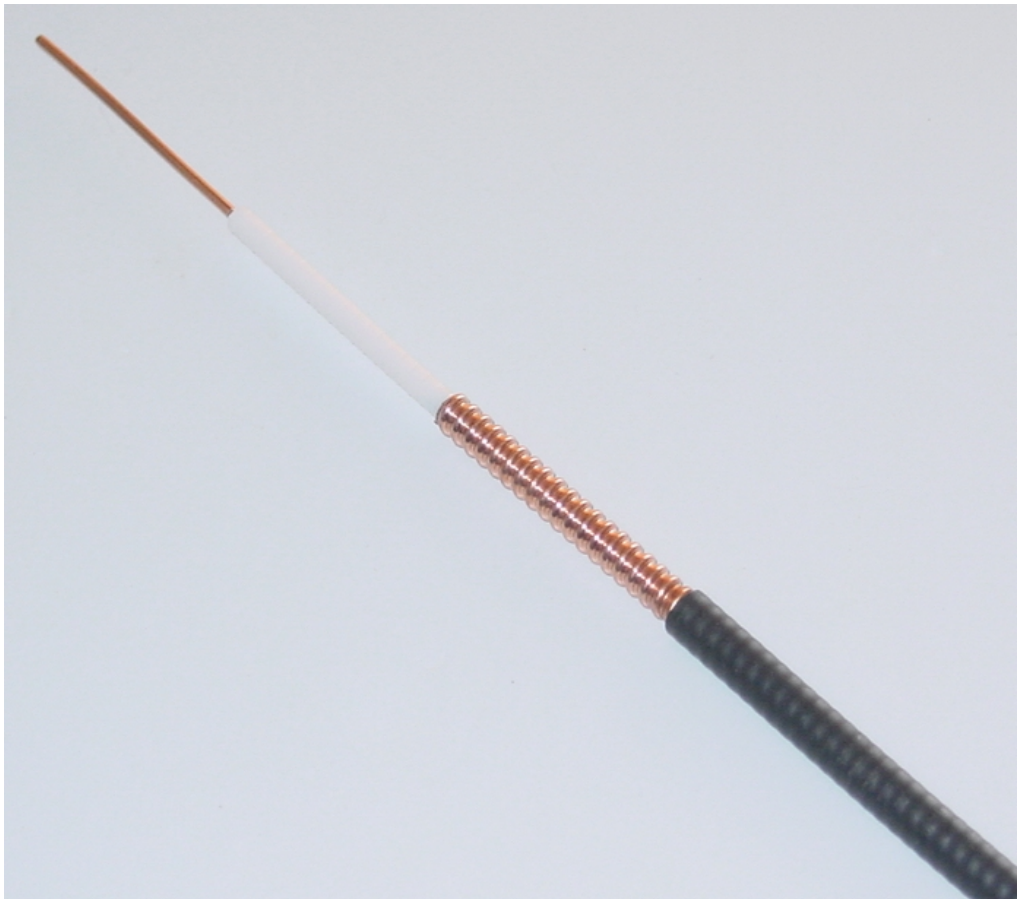
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产品图片 Product Picture:



1/4"Superflexible Form Dielectric Feeder Cable

包装数据 Packing Detailed:

Packing	Length	Weight
Carton Packing	200 Meters	20kgs
Wooden Drum Packing	500 Meters	65kgs

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