

Flame Retardant RG174

SR1-174-XLPE-FR

PANORAMA  ANTENNAS

Flame Retardant Halogen-Free RG174 Cable

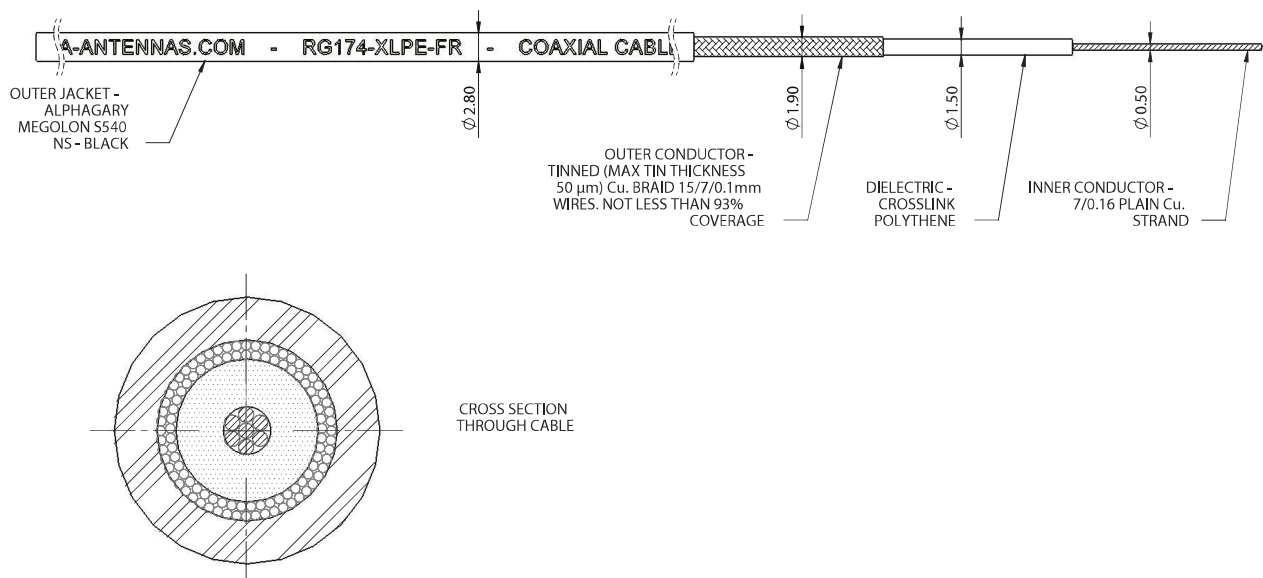


- Zero Halogen, UV stabilised, Flame Retardant Jacket
- EN45545-2 Compliant
- ECE R118 Compliant

Panorama Antennas FR RG174 cable offers all the performance and flexibility benefits associated with RG174 but with less attenuation than generic versions

The FR range of cables are supplied with a flame retardant halogen free jacket for safety critical applications, certified to UN ECE R 118 as well as being compliant with EN6722 and EN45545-2.

Technical Drawing



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Product Data

Part No.	SR1-174-XLPE-FR	
Impedance	50 Ω \pm 2 Ω at 1GHz	
	50 Ω \pm 4 Ω at 2GHz	
Typical Attenuation	7.5dB per 10m at 400MHz	
	11dB per 10m at 1GHz	
	16dB per 10m at 2GHz	
Braid Resistance	Less than 350m Ω per 10m	
Outer Jacket	Material	UV Stabilised Alphagary Megolon S540NS
	Colour	Black
	Diameter	2.8mm (0.11")
Outer Conductor	Material	Tin Plated Copper Braid
	Wire Coverage	No Less Than 93%
	Diameter	1.9mm (0.07")
Dielectric	Material	Cross Linked Polyethylene
	Diameter	1.5mm (0.06")
Inner Conductor	Material	Plain Copper Stranded
	Diameter	0.5mm (0.01")
Operating Temp.	-40° / +80°C (-40° / 176°F)	
Flame Retardance Specifications	ECE 118.03 (E11*118R03/00*1312*00) / EN 6722:2006 §12 / EN 45545-2 : HL3	
Voltage Withstand	500 V DC	
Jacket Spark	2000 V RMS	
Minimum bend radius (mm)	One Time 7 (0.27") / Repeated 25 (1")	

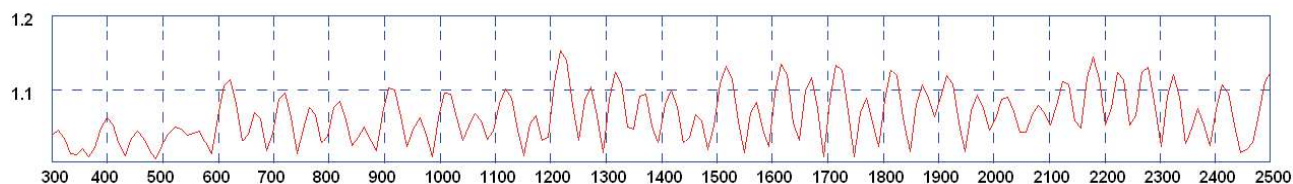
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Electrical Data

Typical VSWR



Typical Attenuation dB per m of Cable

