

Cables & Connectors

2.8mm Cable

30/06/2016 v4

SR1-174-XLPE (RG174)

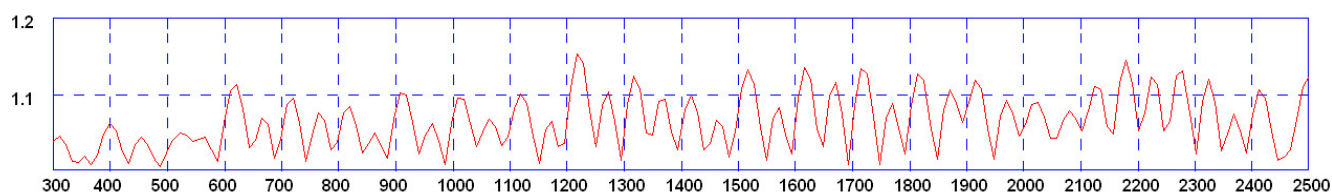
Special cross linked polythene dielectric for lower loss performance

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

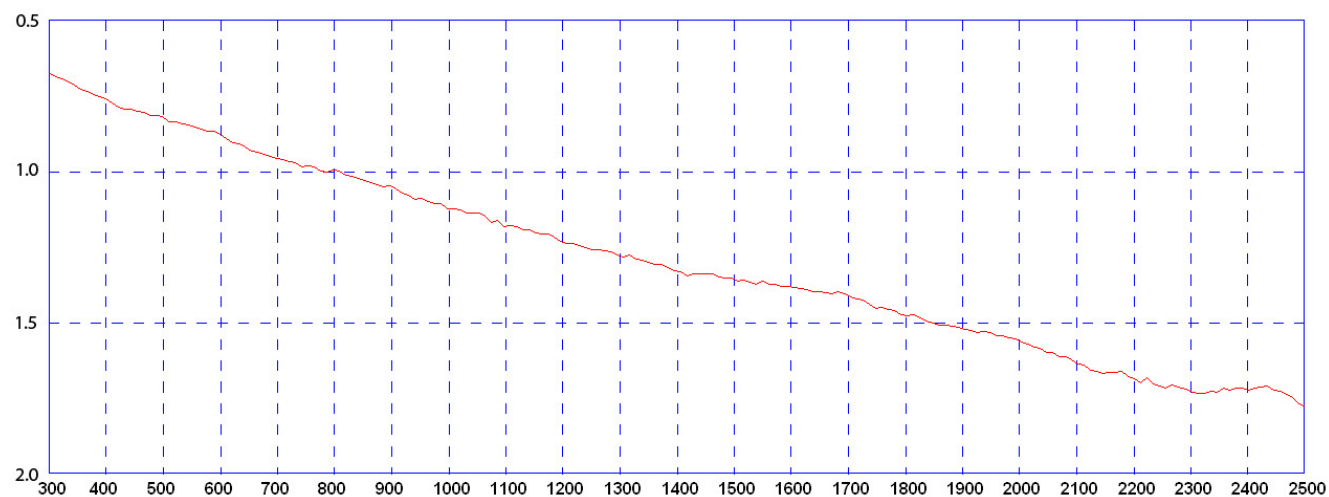


Electrical Data

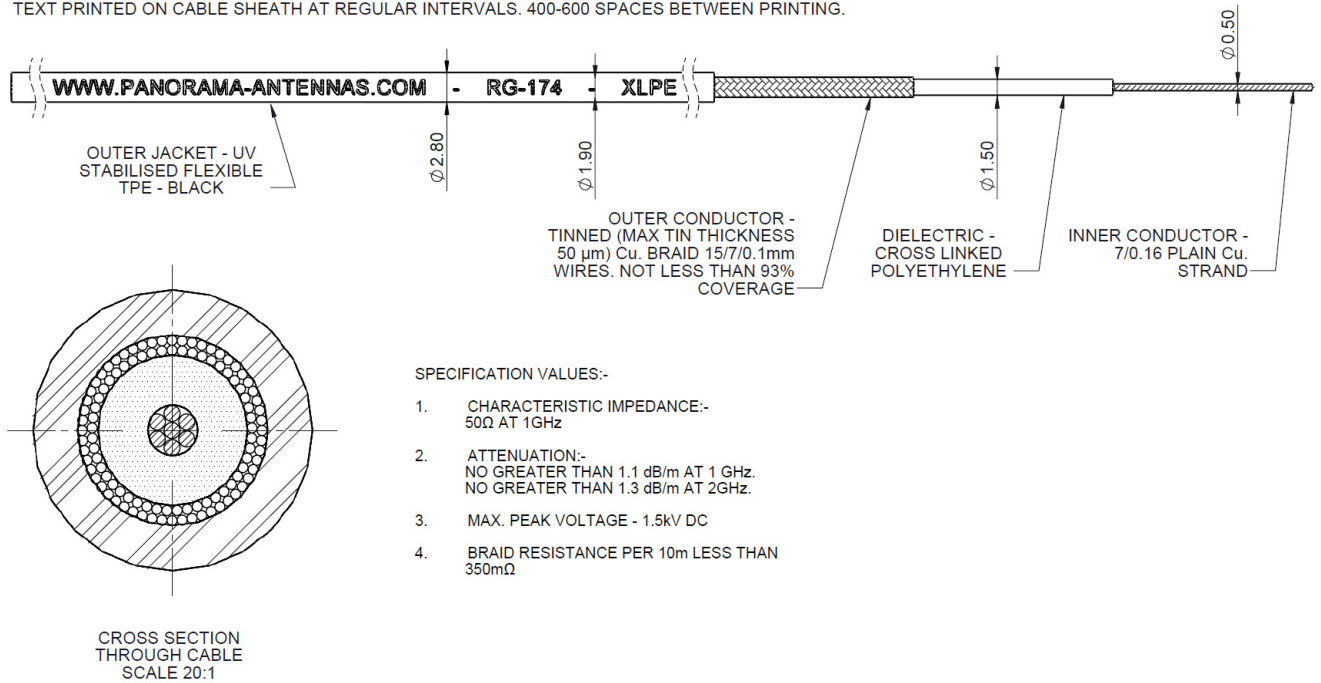
Typical VSWR



Typical attenuation dB per m of cable



TEXT PRINTED ON CABLE SHEATH AT REGULAR INTERVALS. 400-600 SPACES BETWEEN PRINTING.



Part No.		SR1-174-XLPE
Impedance		50Ω ± 2Ω at 1GHz
		50Ω ± 4Ω 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
Velocity Factor		65%
Outer Jacket	Material	TPE
	Colour	Black
	Diameter (mm)	2.8 (0.11")
Outer Conductor	Material	Tin plated Copper Braid
	Wire Coverage	No less than 93%
	Diameter (mm)	1.9 (0.07")
Dielectric	Material	Crosslinked Polyethylene
	Diameter (mm)	1.5 (0.06")
Inner Conductor	Material	Plain Stranded Copper
	Diameter (mm)	0.5 (0.01")
Operating Temp (°C)		-40°/+80°C (-40°/176°F)
Voltage Withstand		500 V DC
Jacket Spark		2000 V RMS