

Cables & Connectors

Low Loss Double Shielded Cable

20/05/2015 v3



SR1-029-B (CS29)

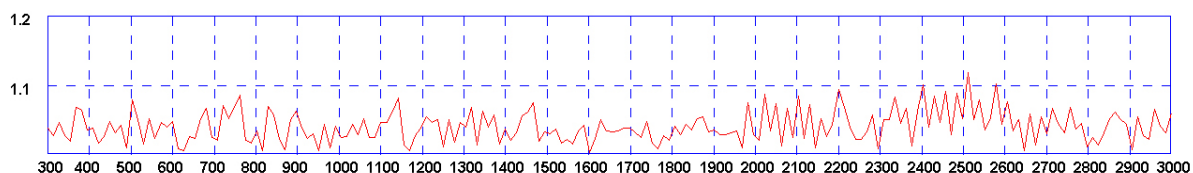
Ultra low loss double shielded cable

Panorama Antenna's CS29 cable is a high quality double shielded 5mm (0.2") Ø cable. CS29 offers both copper braid and aluminium foil shielding which significantly reduces signal attenuation especially at higher frequencies. The stranded copper centre conductor and cellular polyethylene dielectric ensure that this cable offers excellent flexibility.

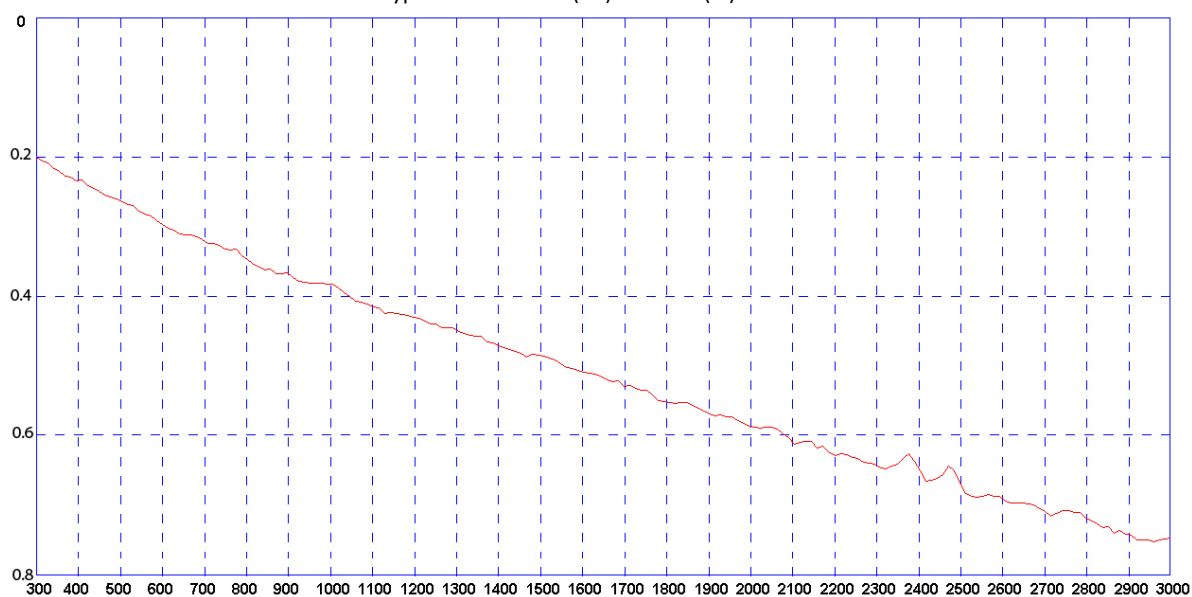
CS29 is an ideal choice for cellular, WLAN and other applications up to 3GHz.

Electrical Data

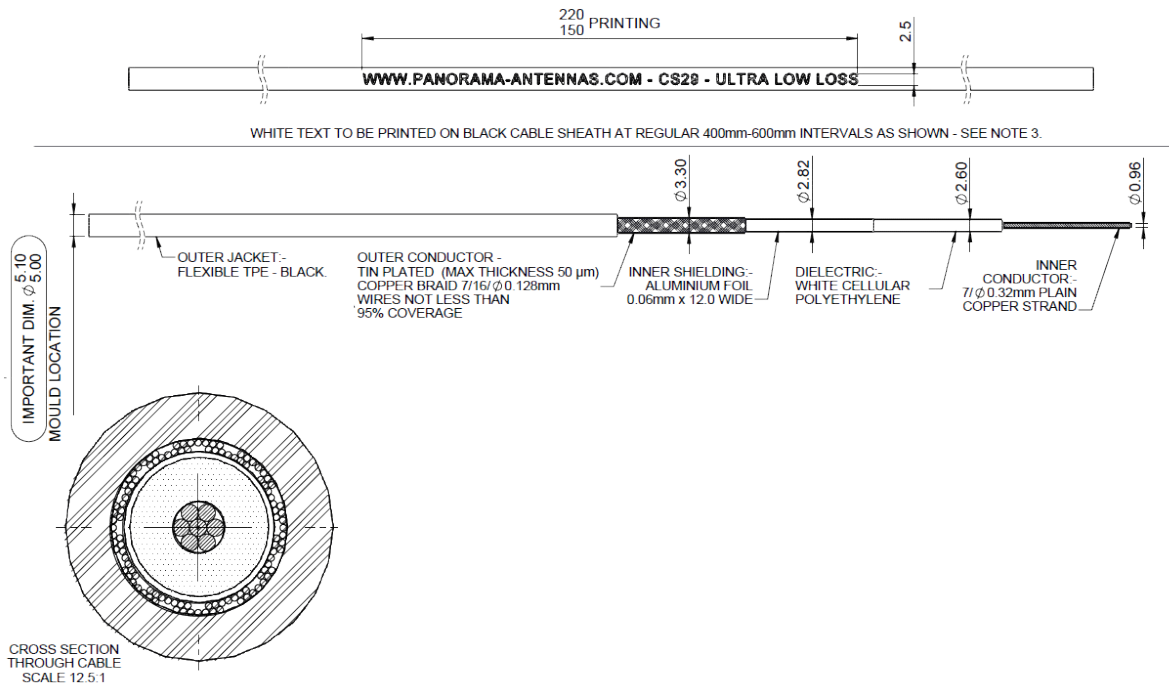
Typical VSWR



Typical attenuation (dB) over 1m (3') of cable



Technical Drawing



Part No.

SR1-029-B

Impedance

50 Ω \pm 2 Ω at 1GHz
50 Ω \pm 4 Ω at 2GHz

Typical Attenuation

2.2dB per 10m at 400MHz
3.8dB per 10m at 1GHz
5.5dB per 10m at 2GHz

Braid Resistance

Less than 160m Ω per 10m

Shielding Effectiveness

< -95dB according to IEC 61196-1 at 400MHz

Outer Jacket	Material	TPE
	Colour	Black
	Diameter (mm)	5.0 (0.20")
Outer Conductor	Material	Tin Plated Copper Braid
	Wire Coverage	No less than 95%
	Diameter (mm)	3.3 (0.12")
Inner Shielding	Material	Aluminium foil
	Diameter (mm)	2.82 (0.11")
Dielectric	Material	White Cellular Polyethylene
	Diameter (mm)	2.6 (0.10")
Inner Conductor	Material	Plain Copper Strand
	Diameter (mm)	0.96 (0.04")
Operating Temp (°C)		-40°/+80°C (-40°/176°F)

P A N O R A M A  A N T E N N A S

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Waiver: The data given above is indicative of the performance of the product/s under particular conditions and does not imply a guarantee of performance.

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