

Cables & Connectors

Low Loss Cable

31/10/2014 v4



SR1-008 (CS23)

Low loss RG58 c/u cable

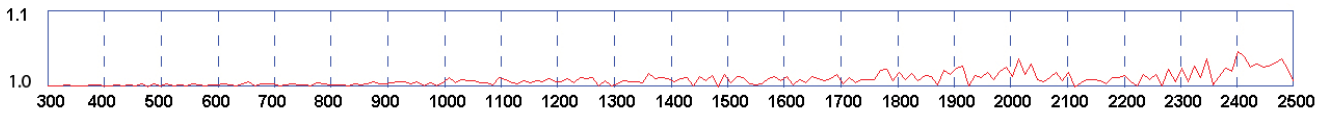
Panorama Antennas CS23 cable is a high quality alternative standard to the RG58 cable.

The outer braided copper shield and high quality polyethene dielectric ensures that the cable offers very low loss at frequencies up to 2GHz and the braided copper centre conductor ensures that the cable offers optimised flexibility for vehicle applications.

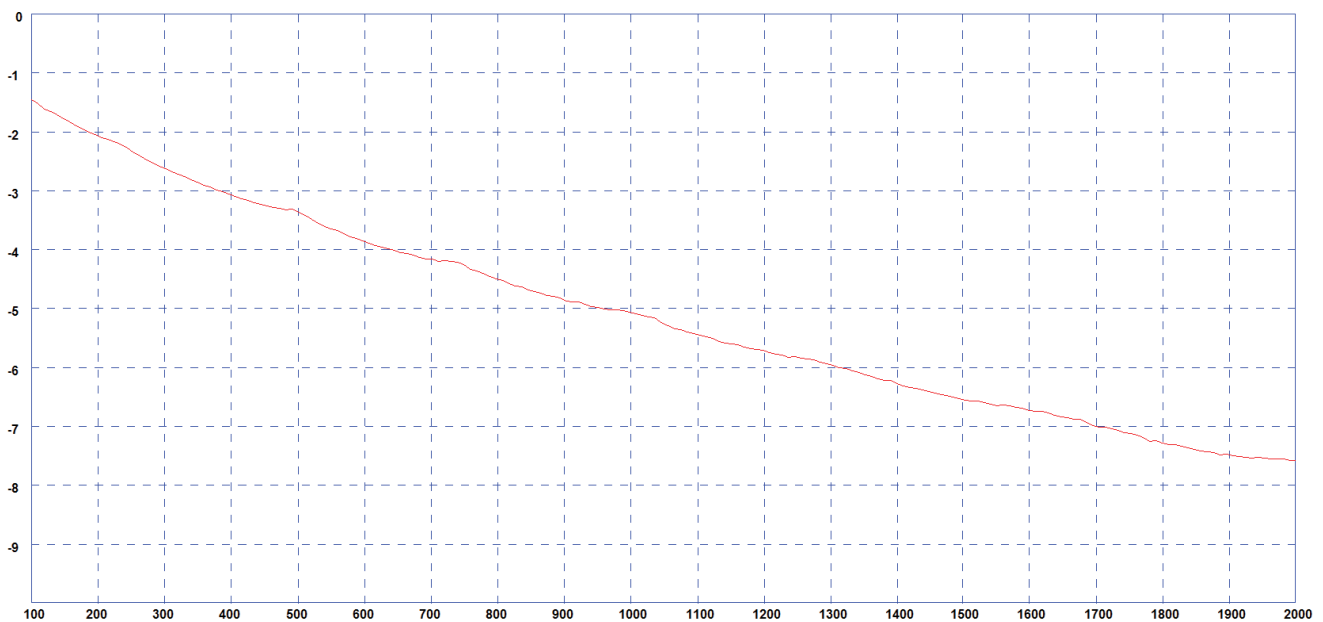
CS23 cable is compatible with standard RG58 connectors.

Electrical Data

Typical VSWR

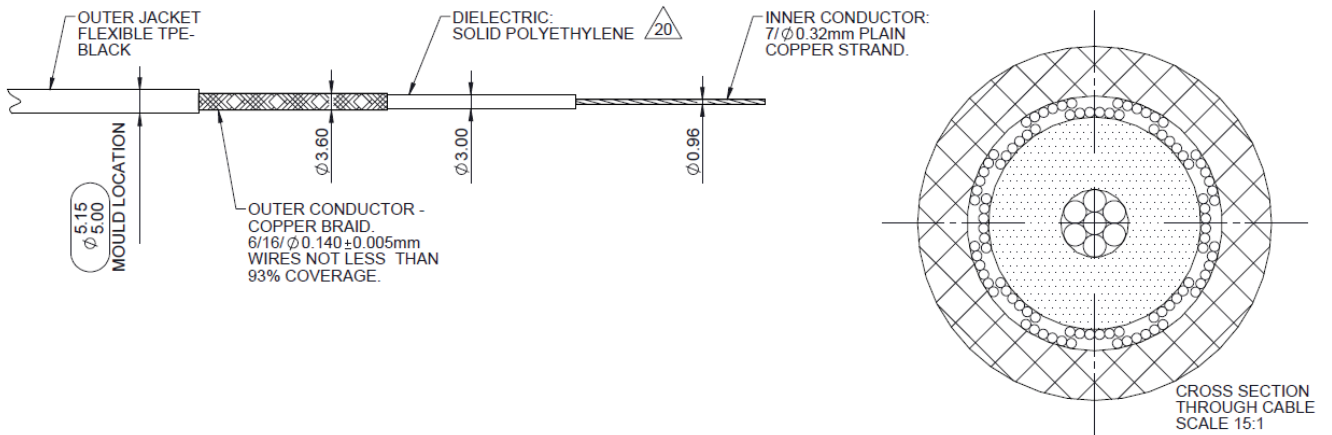


Typical attenuation per 10 m of cable





TEXT TO BE PRINTED IN WHITE ON CABLE SHEATH AT REGULAR INTERVALS OF 400 - 600mm. SPACING AS SHOWN - SEE NOTE 3.



Part No.

SR1-008

Impedance

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

Typical Attenuation

3dB per 10m at 400MHz
5dB per 10m at 1GHz
7.5dB per 10m at 2GHz

Braid Resistance

Less than 160m Ω per 10m

Velocity Factor

65%

Shielding Effectiveness

<-55dB according to IEC 61196-1

Outer Jacket	Material	TPE
	Colour	Black
	Diameter (mm)	5 (0.19")
Outer Conductor	Material	Copper Braid
	Wire Coverage	No less than 93%
	Diameter (mm)	3.6 (0.14")
Dielectric	Material	Solid Polythene
	Diameter (mm)	3.0 (0.11")
Inner Conductor	Material	Plain Copper Strand
	Diameter (mm)	0.96 (0.03")
Operating Temp (°C)		-40°/+80°C (-40°/176°F)