

Cables & Connectors

Ultra Low Loss Cable

31/03/2016 v4

SR1-032-FRZH-G | CS32

(Flame retardant, halogen free, ultra low loss cable)



Ultra low loss, solid conductor, double shielded cable

Flame retardant / Low smoke / Halogen free

ECE 118.01 Compliant

Panorama Antennas CS32 cable is an ultra low loss double shielded solid core cable suitable for applications up to 6GHz

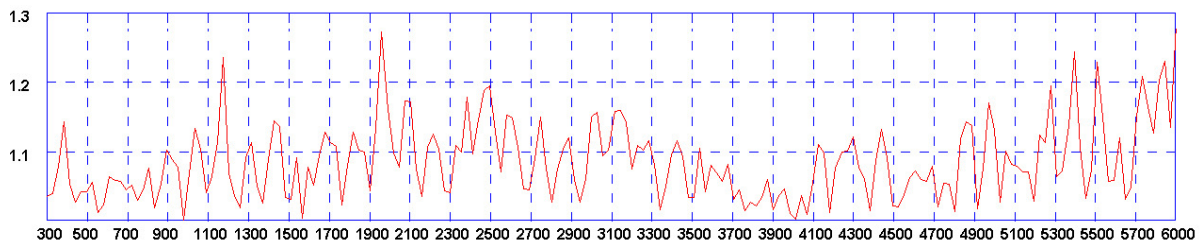
This cable features two layers of shielding, braided copper and aluminium foil to ensure minimal attenuation.

CS32 cable comes with flame retardant zero halogen jacketing as standard and is compatible with standard connectors for RG58 / 5mm cable.

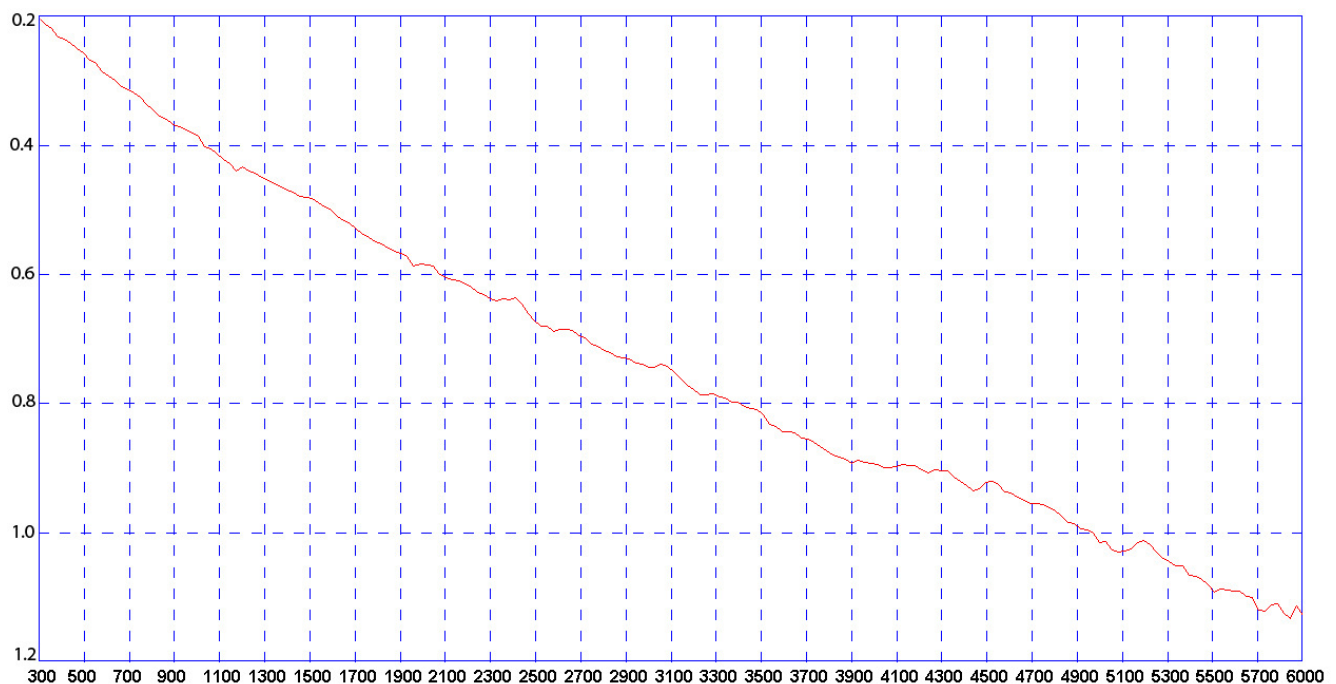
CS32 cable has received approval according to EN6722:2006 and is compliant with the requirements of ECE 118.01

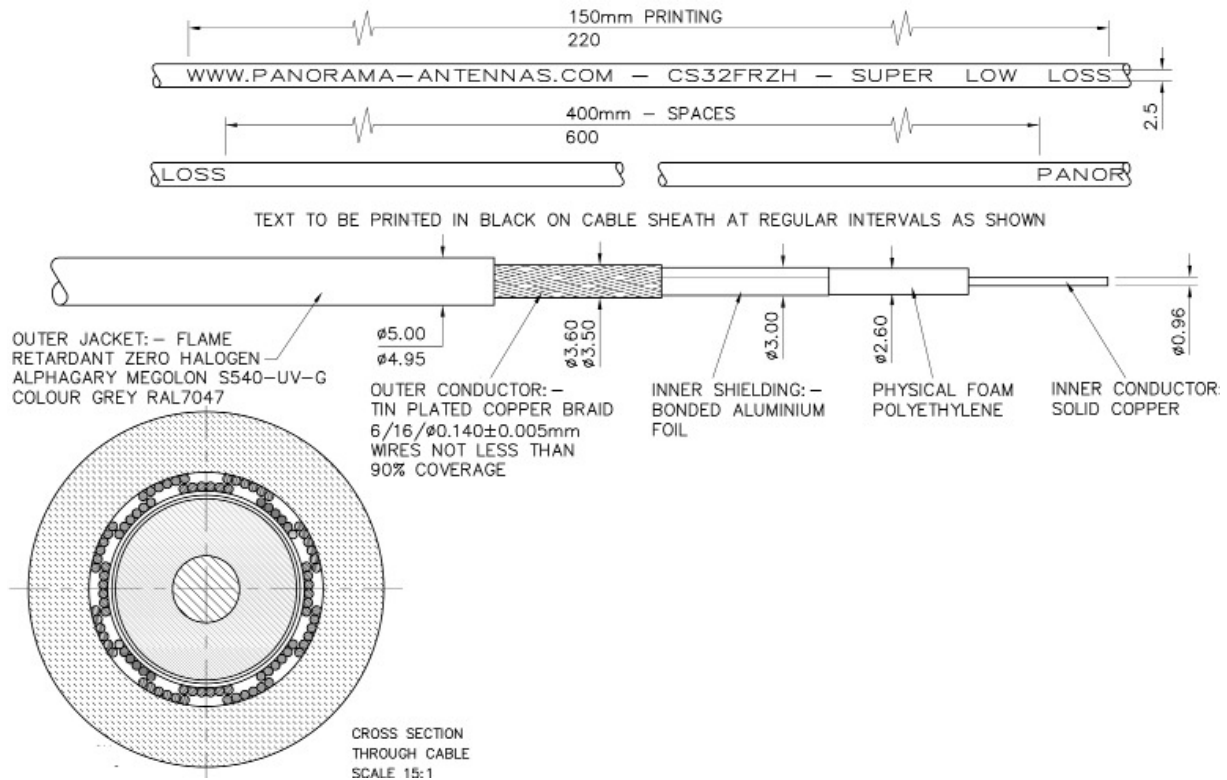
Electrical Data

Typical VSWR



Typical attenuation per m of cable





Part No.		SR1-032-FRZH-G
Impedance		50Ω ± 2Ω at 1GHz
		50Ω ± 4Ω at 2GHz
Typical Attenuation		2.5dB per 10m at 400MHz
		4dB per 10m at 1GHz
		5.8dB per 10m at 2GHz
		11dB per 10m at 6GHz
Braid Resistance		Less than 150mΩ per 10m
Velocity Factor		65%
Outer Jacket	Material	UV Stabilised Flexible Megalon S540
	Colour	Grey RAL 7047
	Diameter (mm)	5.0
Outer Conductor	Material	Tin plated Copper Braid
	Wire Coverage	No less than 90%
	Diameter (mm)	3.5
Inner Shielding	Material	Aluminium foil
	Diameter (mm)	3.0
Dielectric	Material	Foam Polyethene
	Diameter (mm)	2.6
Inner Conductor	Material	Plain Copper Strand
	Diameter (mm)	0.95
Operating Temp (°C)		-30° / +80°C (-22° / 176°F)
Fame Retardance Specifications		EU118.01 / EN6722 Compliant