

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

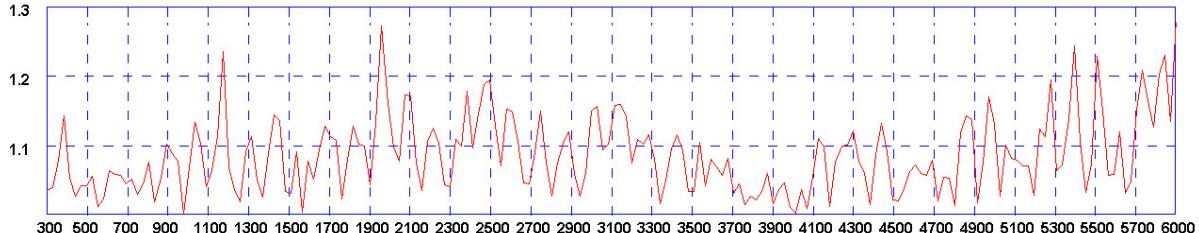
This cable features two layers of shielding, braided copper and aluminium foil to ensure minimal attenuation.

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

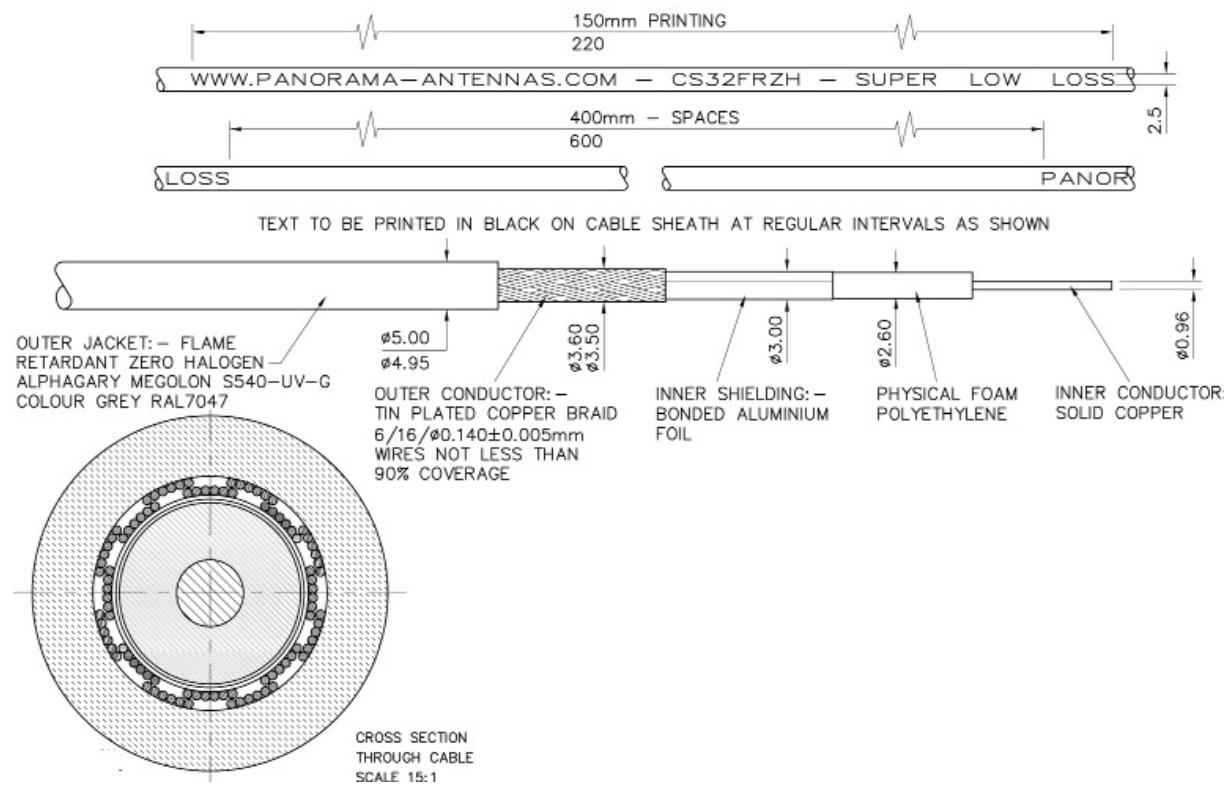
Electrical Data

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)

Flame Retardance Specifications

EU118.01 / EN6722 Compliant

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