

Flame Retardant Halogen-Free Double Shielded Cable

- Low Loss, Double-Shielded Stranded Core Cable
- Zero Halogen, UV stabilised, Flame Retardant Jacket
- EN45545-2 Compliant
- ECE R118 Compliant



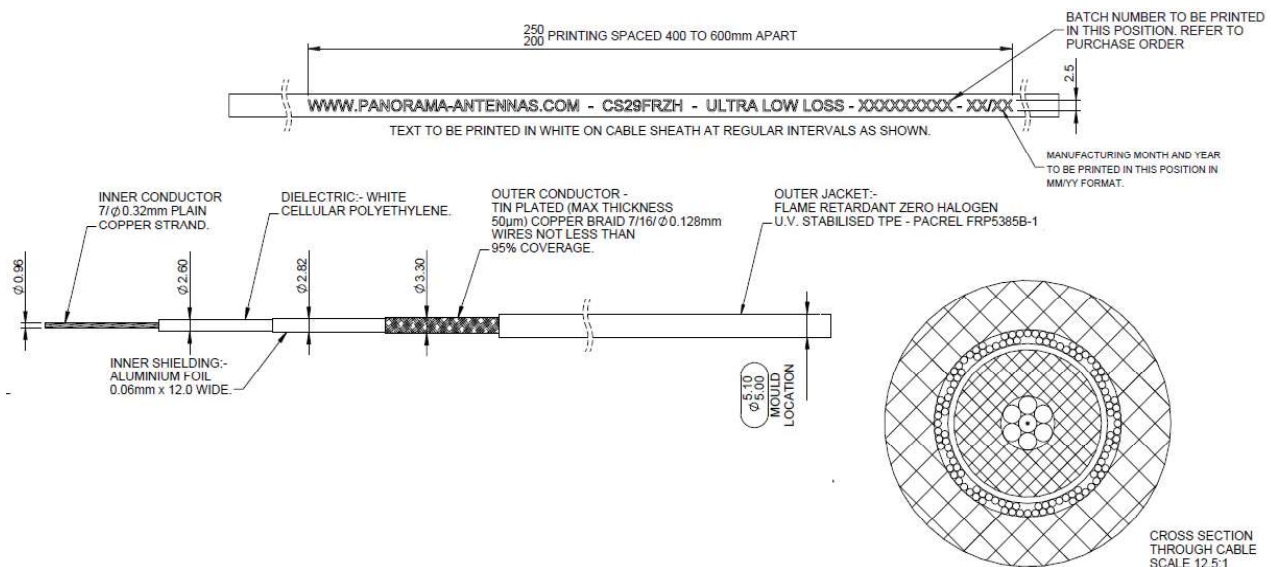
Panorama Antennas CS29 cable is an low loss double shielded stranded core cable suitable for applications up to 3GHz.

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

CS29 cable comes with flame retardant zero halogen jacketing as standard and is compatible with standard connectors for RG58 / 5mm cable.

The FRZH range of cables are supplied with a flame retardant halogen free jacket for safety critical applications, certified to ECE R118.03 as well as being compliant with EN6722 and EN45545-2.

Technical Drawing



Flame Retardant CS29

SR1-029-FRZH-B

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Product Data

Part No.	SR1-029-FRZH-B	
Impedance	50Ω ± 2Ω at 1GHz 50Ω ± 4Ω at 2GHz	
Typical Attenuation	2.2dB per 10m at 400MHz 4dB per 10m at 1GHz 5.5dB per 10m at 2GHz	
Braid Resistance	Less than 160mΩ per 10m	
Shielding Effectiveness	< -90dB According to IEC 61196-1 @ 400MHz	
Outer Jacket	Material	UV Stabilised Flexible Pacrel FRP5385B-1
	Colour	Black
	Diameter	5.0mm (0.19")
Outer Conductor	Material	Tin Plated Copper Braid
	Wire Coverage	No Less Than 95%
	Diameter	3.3mm (0.13")
Inner Shielding	Material	Aluminium Foil
	Diameter	2.82mm (0.11")
Dielectric	Material	Foam Polyethene
	Diameter	2.6mm (0.10")
Inner Conductor	Material	Plain Copper Stranded
	Diameter	0.96mm (0.03")
Operating Temp.	-35° / +80°C (-31° / 176°F)	
Flame Retardance Specifications	ECE 118.03 (E11*118R03/00*1311*00) / EN 6722:2006 §12 / EN 45545-2 : HL2	
Voltage Withstand	1000VDC	
Jacket Spark	3000 V RMS	
Minimum bend radius (mm)	One Time 25 (1") / Repeated 50 (2")	

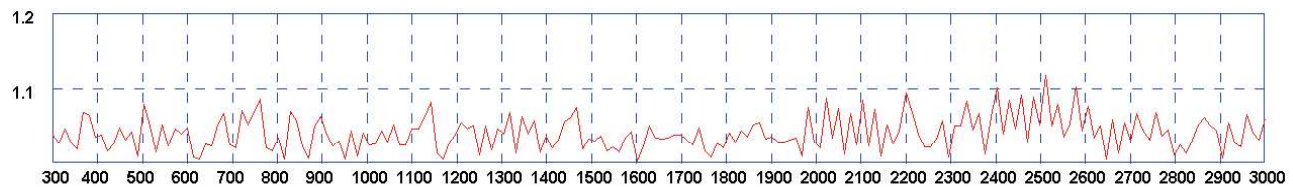
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Electrical Data

Typical VSWR*



Typical Attenuation dB per m of Cable*

