
FibreSales

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fibresales

Fire Resistant Fibre Optic Cable



Fire Resistant Fibre Optic Cables

Australian Made for Australian Conditions

Proudly manufactured in Australia to withstand the country's unique environmental conditions. You can be certain that the rapidconnect product has been designed with the very unique environmental conditions that Australia offers in mind.

fibresales' Fire Resistant Fibre Optic Cable is designed with the highest standards of fire safety in mind. The cable ensures functionality even in fire scenarios due to its halogen-free composition and minimal smoke generation, significantly reducing the risk of fire spread.

The low smoke and flame-retardant properties of the cable are essential for mitigating fire hazards. fibresales is dedicated to delivering cables that enhance fire resistance and safety, ensuring superior performance in critical applications.

Installation Environment

The fibresales Fire Resistant Fibre Optic Cable is ideally suited for indoor and indoor/outdoor installations in environments requiring a high level of fire safety. These include, but are not limited to, public buildings, tunnels, and metro lines.

Safety is a cornerstone of the fibresales Fire Resistant Fibre Optic Cable design, prioritizing the protection of people in these critical locations. We take this responsibility seriously, ensuring all our cables comply with the latest fire-rated performance standards for maximum reliability and safety.

TECHNICAL SPECIFICATIONS

MAX Span: 300 Metres

Wind Speed: 100km/per hour

Number of Fibres		12-60 fibres
Number of Elements		5
Tube Diameter		2.4
Tolerance	mm	± 0.3
Cable Nominal Weight	kg/km	83
Modulus of Elasticity at 20°C	kN/mm ²	16.4
Max. Crush Resistance	kN/100 mm	2.0 (short term) / 1.0 (Long Term)
Min. Bending Radius		
At Full Load	mm	20x Cable OD including coils in poles
At No Load		15x Cable OD

Temperature Range

Operating Temperature	-10°C ~ + 70°C
Installation Temperature Thermal	0°C ~ + 50°C
Expansion Coeff. at 20°C	1/°C 5.1 x 10 ⁻⁶

IDENTIFICATION

NO.	1	2	3	4	5	6
Color	Blue	Orange	Green	Brown	Slate	White
NO.	7	8	9	10	11	12
Color	Red	Black	Yellow	Violet	Pink	Aqua

Ordering Code:

AS2-12-100-300

AS = ADSS Cable
2 = Singlemode
12 = 12 Fibres
100 = 100km/hr Wind Span
300 = 300m Max Span