Nexans

IFLI EASY-R 250V ALSECURE Halogen free fire alarm cable
IFLI EASY-R 250V 2x1/1 EP 125

Nexans Ref.: 10590284
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FIRE PERFORMANCE CLASS

Dca

Dca-s2,d2,a1

Halogen free fire alarm cable with twisted conductors and parallel earth wire

STANDARDS

Test IEC 60332-1-2; IEC 60754; IEC 61034

National NEK 591

DESCRIPTION

Signal cables for fire alarm installations are essential components for ensuring the safety and security of indoor and outdoor spaces. The IFLI EASY-R 250V is a halogen-free variant of the PFLP 250V, designed to meet the stringent requirements of fire alarm systems. Its suitability for both indoor and outdoor use makes it a versatile choice for various applications.

TECHNICAL

With a pair capacitance of 100 nF/km, the cable demonstrates excellent signal transmission capabilities, ensuring reliable communication within the fire alarm network. Additionally, the conductor resistance of 24.8 Ohm/km further enhances the efficiency of the cable, enabling it to maintain signal integrity over long distances.

SUMMARY

In summary, the IFLI EASY-R 250V signal cable is a high-quality, halogen-free solution that offers low pair capacitance and conductor resistance, making it an ideal choice for fire alarm installations in diverse environments.

Conductor flexibility **Solid**	Halogen free **Yes**	Rated Voltage Uo/U (Um) **250 V**	Max.conductor temp.in service **70 °C**	Flame retardant **IEC 60332-1**	Minimum installation temperature **10 °C**

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CHARACTERISTICS

Construction characteristics	
Conductor shape	Circular
Material of filler / inner sheath	Filler if necessary
Twisted	Yes
With Green/Yellow core	No
Sheath colour	White
Conductor flexibility	Solid
Conductor material	Bare annealed copper stranded
Halogen free	Yes
Insulation	Halogen free compound
Screen	Longitudinal aluminium tape + copper wire
Outer sheath	Halogen free compound
Dimensional characteristics	
Conductor diameter	1.0 mm
Nominal outer diameter	7.0 mm
Number of cores	2
Screen section	0.8 mm²
Conductor cross-section	0.8 mm²
Approximate weight	78 kg/km
Approximate weight	7.8 kg/100m
Electrical characteristics	
Rated Voltage Uo/U (Um)	250 V
Usage characteristics	
Length	125 m
Packaging	Box
Max. conductor temperature in service	70 °C
Fire load	- MJ/km
Flame retardant	IEC 60332-1
Minimum installation temperature	10 °C