Nexans

IFLI EASY-R 250V ALSECURE Halogen free fire alarm cable

NO-N01Z1A5Z1-U

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

Max.conductor temp.in service
70 °C

Flame retardant
IEC 60332-1

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CHARACTERISTICS

Construction characteristics	
Conductor shape	Circular
Material of filler / inner sheath	Filler if necessary
Twisted	Yes
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	7.8 kg/100m
Usage characteristics	
Max. conductor temperature in service	70 °C
Flame retardant	IEC 60332-1

PRODUCT LIST

	Nexans Ref.	Country Ref.	Name	Length [m]
🔧	10021815	1067195	IFLI EASY-R 250V 2x1/1 mm E4 500M	500
🔧	10190831	1060471	IFLI EASY-R 250V 2x1/1 B2 150	150
🔧	10576062	1092589	IFLI EASY-R RED 250V 2x1/1 E4 500M	500
🔧	10579025	1092598	IFLI EASY-R 250V 2x1/1 QUICK-reel, 100m	100
🔧	10576061	1092599	IFLI EASY-R RED 250V 2x1/1 Q-reel, 100m	100
🔧	10590284	1050715	IFLI EASY-R 250V 2x1/1 EP 125	125
🔧	10590294	1050724	IFLI Easy-R Red 250V 2x1/1 EP 125	125

📞 = Make to order, 🔧 = In stock,