



BI (c) 250V



Firetuf

Halogen-free and fire-resistant

Max conductor temp. : 90 °C
Rated voltage, Um : 250V
Cenelec designation : N01BZ1-R

Application

Control cable for emergency light and alarm systems with rated voltage up to 250V, in case of requirement for a cable to function during a fire. This cable is for indoor and outdoor use. Halogen-free cable is recommended used when it is important to avoid heavy smoke and corrosive gases in case of a fire.

National regulation for electrical installations must be followed

STANDARDS APPLIED

Insulated conductor : IEC 60092-376
Materials : CENELEC HD 627-7B
 : IEC 60502-1
Fire resistant : IEC 60331
Flame retardant : IEC 60332-3C
Halogen free : IEC 60754-1 and 2
Low smoke : IEC 61034

APPROVALS

CE-marked, acc. to LVD.

CONSTRUCTION

	CODE	
Conductor		Stranded tinned copper
Insulation	B	Mica-tape and 0,8mm EPR
Lay up		Black and blue core twisted as pair. For 2 pair (quad) Black and blue in diagonal is pair no. 1. Black and brown in diagonal is pair no.2. Pairs are laid up and collectively screened by aluminium backed Polyester tape with tinned copper drain wire. Pairs are identified by numbered tape.
Sheath	I	Halogenfree Polymer
Colour		Orange.
Marking		Marked on outer sheath, designation and dimension, Safety Cables. Metre and year.
Mode of packing		Drum

ELECTRICAL DATA

Type	Capacitance Approx. nF/km	Inductance Approx. mH/km	Loop resistance at 20°C max. Ohm/km	Resistance at 20°C max. Ohm/km	Impedance at 1kHz Approx. ohm/km
Pair 0,75	80	0,75	52,6	26,3	330



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DIMENSIONS

Rev.4.

No. of pairs and conductor area mm ²	Conductor-type *)	Art. No.	Outer diameter approx. mm	Approx. weight Kg/km	Delivery length m
1 pair 0,75	FR	460961	6,5	70	500
2 pair 0,75 (quad)	FR	461110	8,4	115	500
2 pair 0,75 (pair)	FR	461115	10,3	140	500
4 pair 0,75	FR	461120	11,9	210	500

*) FR = Stranded round

Not all dimensions are in stock.