

FIRETUF FRHF 500 V

Fire resistant halogen-free installation cable



Firetuf

APPLICATION

Alarm, control, signaling and power supply cable for fixed installations in which the safety of people requires the cable to operate for specified time during a fire. For fixed installations indoors and outdoors.

RATED VOLTAGE

U₀/U = 300/500 V

Declaration of Performance (DoP)

non CPR



EN 50200
IEC 61034

SFS 5545 (where appl.)
IEC 60754

IEC 60332-1-2

IEC 60332-3

Conductor	Copper
Conductor surface	Bare
Insulation	Mica + XLPE
Outer sheath	Halogenfree polymer
Fire resistant layer (core)	Yes

Max. conductor temperature [°C]	90
Max. conductor temperature at short circuit [°C]	250
Permitted cable outer temperature during assembling/handling (min) [°C]	-15
Minimum permissible bending radius during laying	10x OD

FIRE PROPERTIES

Insulation integrity	PH 120
Halogen free	Yes

DELIVERY INFO

Snro	PRODUCT NAME	EAN-code (GTIN)	Packaging type	Standard delivery length
0420212	FIRETUF FRHF 500V 2X1,5 K6/500	6410004202128	Drum	500
0420213	FIRETUF FRHF 500V 2X2,5 K6/500	6410004202135	Drum	500
0420322	FIRETUF FRHF 500V 3G1,5 K6/500	6410004203224	Drum	500
0420323	FIRETUF FRHF 500V 3G2,5 K6/500	6410004203231	Drum	500
0420372	FIRETUF FRHF 500V 5G1,5 K500	6410004203729	Drum	500
0420373	FIRETUF FRHF 500V 5G2,5 K500	6410004203736	Drum	500

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MECHANICAL AND ELECTRICAL DATA

Product name	Diameter over cable [mm]	Max. DC resistance, conductor (20°C) [ohm/km]	Current rating, ref. install. type E [A]	Weight [kg/km]	Min. permissible bending radius during laying [mm]
FIRETUF FRHF 500V 2X1,5	10	12.1	19	100	100
FIRETUF FRHF 500V 2X2,5	11	7.41	26	130	110
FIRETUF FRHF 500V 3G1,5	10	12.1	19	120	100
FIRETUF FRHF 500V 3G2,5	11	7.41	26	160	110
FIRETUF FRHF 500V 5G1,5	12	12.1	19	190	120
FIRETUF FRHF 500V 5G2,5	13	7.41	26	250	130

Current rating: installation method E (in free air), conductor max. operation temp.