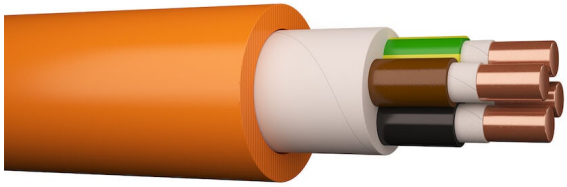
FIRETUF FRHF 300/500V

Fire-resistant, halogen-free cable for fixed installation



GENERAL INFO

Fire resistant, Halogen-free cables, where the highest demands on reliability during and after the fire tested against the highest standards of fire resistance). Suitable for both indoor and outdoor use if the cable is protected against direct sunlight. Suitable for installations where there are demands on function during and after fire in, for example, emergency lighting, fire alarm systems and alarm systems. Smoke in case of fire is limited, transparent and non-harmful to electronic equipment.

STANDARDS, CERTIFICATIONS AND APPROVALS

IEC 60502-1	Construction standard
IEC 60227-4	Construction standard
IEC 60331-1	Tests for electric cables (outer diameter>20mm) under fire conditions
IEC 60332-3 Cat, B	Test for vertical flame spread of vertically mounted bunched wires or cables
Synonyms	FI-N05XZ1-U
Core insulation material	Mica + XLPE
Twisted cores	Yes
Material outer sheath	Halogenfree polymer
Nominal voltage U0 [V]	300
Nominal voltage U	500
Insulation integrity	PH 120
Halogen free	acc. IEC/EN 60754-1/2
Max. conductor temperature	90
Min. outer temperature during installation [°C]	-15
Cable marking example	FIRETUF FRHF 500V 3G1,5 EN 50200 (90) "Datum", metermärkt
Bending radius (rule)	Vid fast montering: 5 x D Under utdragning: 10 x D

PRODUCT DATA

Item name	External article code	SAP code	Cable weight [kg/km]	Packaging
FIRETUF FRHF 500V 2X1,5 T500	0476405	20098137	86	K6
FIRETUF FRHF 500V 2X2,5 T500	0476415	20098037	108	K6
FIRETUF FRHF 500V 3G1,5 T500	0476305	20098036	107	K6
FIRETUF FRHF 500V 3G2,5 T500	0476315	20098035	140	K6
FIRETUF FRHF 500V 4G1,5 T500	0476325	20098039	136	K6
FIRETUF FRHF 500V 4G2,5 T500	0476335	20098040	178	K7
FIRETUF FRHF 500V 5G1,5 T500	0476345	20098041	165	K7
FIRETUF FRHF 500V 5G2,5 T500	0476355	20098043	218	K7

TECHNICAL DATA

Product name	Conductor category	Shape of conductor	Core colours	Outer diameter [mm]
FIRETUF FRHF 500V 2X1,5	Class 1 = solid	Round	Brun, blå	9.1
FIRETUF FRHF 500V 2X2,5	Class 1 = solid	Round	Brun, blå	9.7
FIRETUF FRHF 500V 3G1,5	Class 1 = solid	Round	Brun, blå, grön/gul	9.5
FIRETUF FRHF 500V 3G2,5	Class 1 = solid	Round	Brun, blå, grön/gul	10.28
FIRETUF FRHF 500V 4G1,5	Class 1 = solid	Round	Grön/gul, brun, svart, grå	10.57
FIRETUF FRHF 500V 4G2,5	Class 1 = solid	Round	Grön/gul, brun, svart, grå	11.34
FIRETUF FRHF 500V 5G1,5	Class 1 = solid	Round	Grön/gul, blå, brun, svart, grå	11.38
FIRETUF FRHF 500V 5G2,5	Class 1 = solid	Round	Grön/gul, blå, brun, svart, grå	12.26

Nominal values unless otherwise specified.