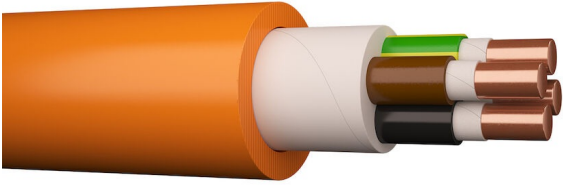


FIRETUF FRHF 300/500V

Fire-resistant, halogen-free cable for fixed installation



DESCRIPTION

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

IEC 60227-4

IEC 60331-1

IEC 60332-3 Cat, B

Construction standard

Construction standard

Tests for electric cables (outer diameter>20mm) under fire conditions

Test for vertical flame spread of vertically mounted bunched wires or cables

Synonyms

FI-N05XZI-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

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		9.1
FIRETUF FRHF 500V 2X2,5	Class 1 = solid	Round		9.7
FIRETUF FRHF 500V 3G1,5	Class 1 = solid	Round		9.5
FIRETUF FRHF 500V 3G2,5	Class 1 = solid	Round		10.28
FIRETUF FRHF 500V 4G1,5	Class 1 = solid	Round		10.57
FIRETUF FRHF 500V 4G2,5	Class 1 = solid	Round		11.34
FIRETUF FRHF 500V 5G1,5	Class 1 = solid	Round		11.38
FIRETUF FRHF 500V 5G2,5	Class 1 = solid	Round		12.26

Nominal values unless otherwise specified.