

PRODUCT RANGE

Major Projects

ZERO HALOGEN
FIRE SAFETY CABLES

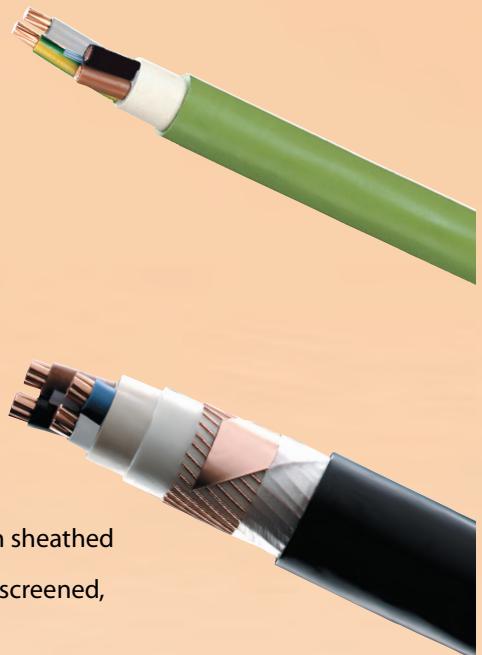


Kabelwerk

EUPEN AG
cable

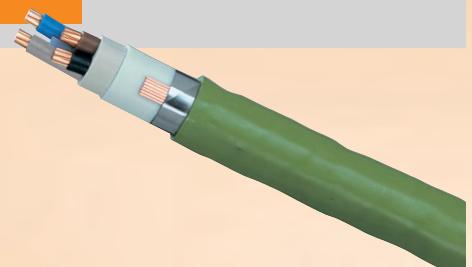
IEC Standard-Zero Halogen-Fire Retardant

2XH	Cross linked polyethylene insulated (XLPE), zero halogen sheathed
2XB(AI)H	Single – core, cross linked polyethylene insulated (XLPE), aluminium tape armoured, zero halogen sheathed
2XHBH	Multicore, cross linked polyethylene insulated (XLPE), steel tape armoured, zero halogen sheathed
2XR(AI)H	Single – core, cross linked polyethylene insulated (XLPE), aluminium wire armoured, zero halogen sheathed
2XRRH	Multicore, cross linked polyethylene insulated (XLPE), galvanized steel wire armoured, zero halogen sheathed
2XCH	Cross linked polyethylene insulated (XLPE), concentric copper conductor, zero halogen sheathed
2XSH	Cross linked polyethylene insulated (XLPE), double copper tape screened, zero halogen sheathed
2XSHBH	Cross linked polyethylene insulated (XLPE), double copper tape screened, steel tape armoured zero halogen sheathed
2XSHRH	Cross linked polyethylene insulated (XLPE), double copper tape screened, galvanized steel wire armoured, zero halogen sheathed



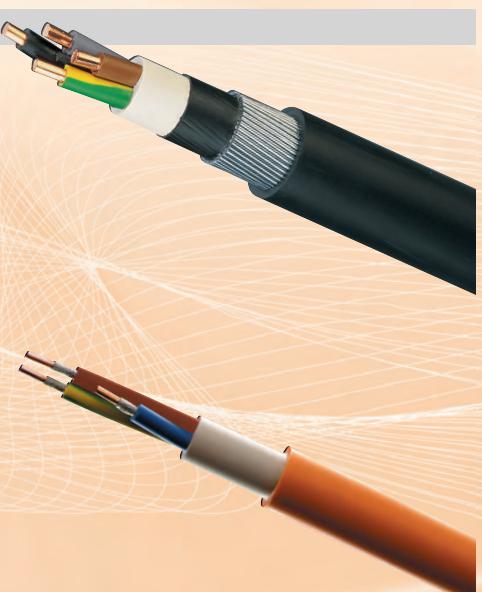
IEC Standard-Zero Halogen-Fire Resistant

m2XH	Mica-taped, cross linked polyethylene insulated (XLPE), zero halogen sheathed
m2XHBH	Mica-taped, cross linked polyethylene insulated (XLPE), steel tape armoured, zero halogen sheathed
m2XRRH	Mica-taped, cross linked polyethylene insulated (XLPE), galvanized steel wire armoured, zero halogen sheathed



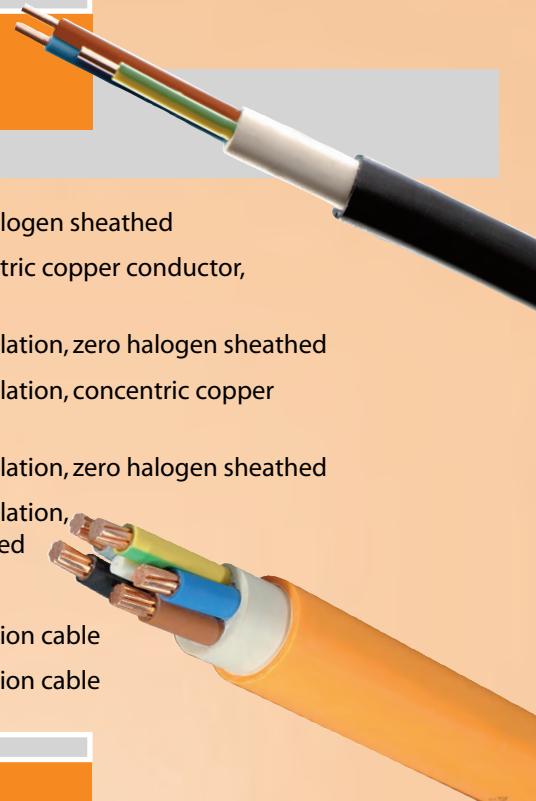
Optional :

- Fire retardant acc. to IEC 60332-3 A
- Aluminium conductors "A"
- Copper braid screen "(C)"
- Steel wire braid armour "Q"
- Galvanized flat steel wire armour with counter helix "FG"
- Termite repellent outer sheath



VDE/ DIN Standard (Germany)

N2XH	Cross linked polyethylene insulated (XLPE), zero halogen sheathed
N2XCH	Cross linked polyethylene insulated (XLPE), concentric copper conductor, zero halogen sheathed
NHXH FE180/E30	30 min. fire resistant, cross linked halogen free insulation, zero halogen sheathed
NHXCH FE180/E30	30 min. fire resistant, cross linked halogen free insulation, concentric copper conductor, zero halogen sheathed
NHXH FE180/E90	90 min. fire resistant, cross linked halogen free insulation, zero halogen sheathed
NHXCH FE180/E90	90 min. fire resistant, cross linked halogen free insulation, concentric copper conductor, zero halogen sheathed
J-H(St)H ... Bd	Halogen free telecommunication cable
JE-H(St)H ... Bd FE180/E30	30 min. fire resistant, halogen free telecommunication cable
JE-H(St)H ... Bd FE180/E90	90 min. fire resistant, halogen free telecommunication cable



NEN Standard (Netherlands)

YMz1Kmbzh	Cross linked polyethylene insulated (XLPE), zero halogen sheathed
Z1O/Z1G-YMz1Kasmbzh	Cross linked polyethylene insulated (XLPE), steel armoured, zero halogen sheathed

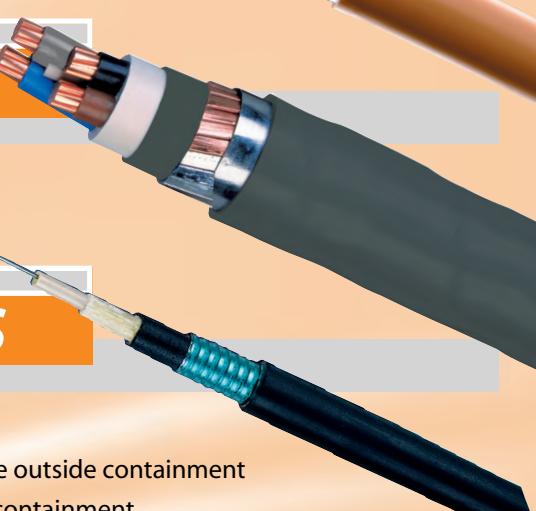
BS Standard (UK)

XLPE/LSF/SWA/LSF	Cross linked polyethylene insulated (XLPE), galvanized steel wire armoured, zero halogen sheathed
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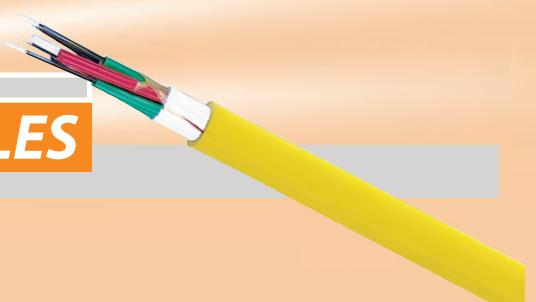
HAR Standard (Europe)

H07 Z-K	Flexible copper conductor, zero halogen insulated
H07 Z-R	Stranded copper conductor, zero halogen insulated



NUCLEAR QUALIFIED SAFETY CABLES

NU-2XH / NU-m2XH	Power cable for use outside containment
NU-2XCH / NU-m2XCH	Power cable with concentric conductor for use outside containment
NU-EHXHX / NU-EHXHCHX	1E LOCA qualified power cable for use inside containment
NU-SHXHX / NU-SHXHCHX	1E LOCA qualified control cable for use inside containment
NU-THXHCHX / NU-THX(St)HX	1E LOCA qualified instrumentation cable for use inside containment



ZERO HALOGEN OPTICAL FIBRE CABLES

... please inquire for our zero halogen optical fibre cable solutions



Kabelwerk

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cable

Abbreviations for IEC and VDE Cable Construction Elements :

	N	According to VDE – Standard
	JE-	Cable for industrial electronics
	J-	Cable for indoor installation
	NU-	Cable for nuclear power plants
Core :	C	Copper conductor
	A	Aluminium conductor
	m	Mica tape
	2X	Cross linked polyethylene insulation (XLPE)
	2Y	Polyethylene insulation (PE)
	H	Zero halogen insulation
	HX	Cross linked zero halogen insulation
Screen	C	Concentric layer of copper wires with a counter-helix of copper – tape
	S	Double layer of copper tapes
	(C)	Copper wire braid
	(L)	Aluminium tape bonded to zero halogen sheath (transversal moisture barrier)
	(St)	Aluminium / polyester laminated tape with drain wire
Armour :	R(AI)	Round aluminium wires
	B(AI)	Double aluminium tape
	R	Galvanized steel wires
	B	Double steel tape
	Q	Steel wire braid
	FG	Galvanized flat steel wires with counter helix of galvanized steel tape
Sheath :	H	Zero halogen, fire retardant compound
	HX	Cross linked zero halogen, fire retardant compound

Core colours acc. to HD 308 S2 & EN 50334

"G"



"X"



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