

PRODUCT RANGE

Major Projects

LOW VOLTAGE
POWER & CONTROL
CABLES



Kabelwerk

EUPEN AG

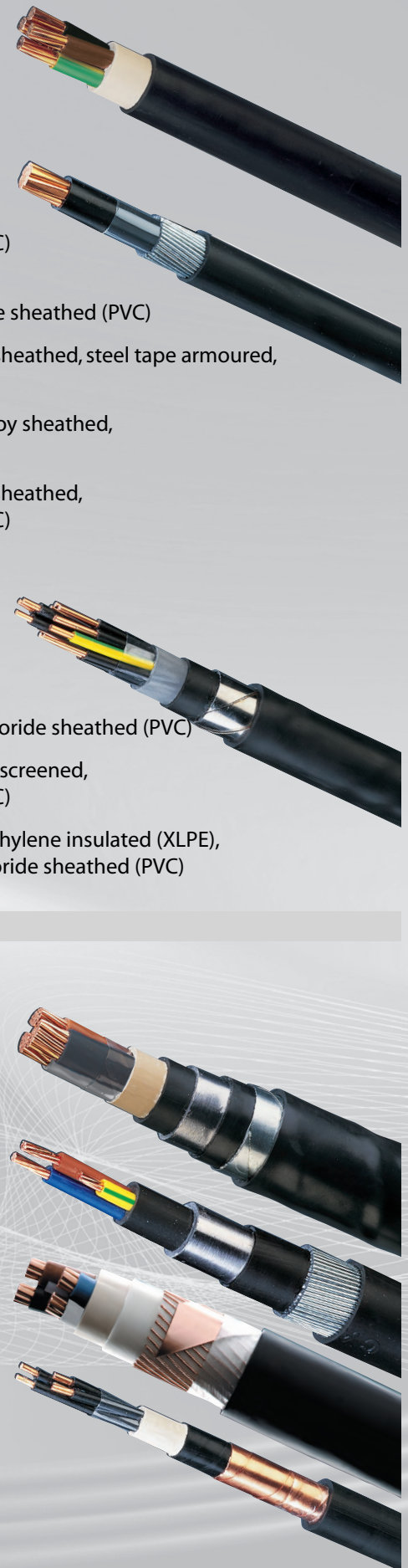
cable

IEC Standard

2XY	Cross linked polyethylene insulated (XLPE), polyvinylchloride sheathed (PVC)
2XB(AI)Y	Single – core, cross linked polyethylene insulated (XLPE), aluminium tape armoured, polyvinylchloride sheathed (PVC)
2XYBY	Multicore, cross linked polyethylene insulated (XLPE), steel tape armoured, polyvinylchloride sheathed (PVC)
2XR(AI)Y	Single – core, cross linked polyethylene insulated (XLPE), aluminium wire armoured, polyvinylchloride sheathed (PVC)
2XYRY	Multicore, cross linked polyethylene insulated (XLPE), galvanized steel wire armoured, polyvinylchloride sheathed (PVC)
2XKYB(AI)Y	Single – core, cross linked polyethylene insulated (XLPE), lead alloy sheathed, aluminium tape armoured, polyvinylchloride sheathed (PVC)
2XKYBY	Multicore, cross linked polyethylene insulated (XLPE), lead alloy sheathed, steel tape armoured, polyvinylchloride sheathed (PVC)
2XKYR(AI)Y	Single – core, cross linked polyethylene insulated (XLPE), lead alloy sheathed, aluminium wire armoured, polyvinylchloride sheathed (PVC)
2XKYRY	Multicore, cross linked polyethylene insulated (XLPE), lead alloy sheathed, galvanized steel wire armoured, polyvinylchloride sheathed (PVC)
2XCY	Cross linked polyethylene insulated (XLPE), concentric copper conductor, polyvinylchloride sheathed (PVC)
2XSY	Cross linked polyethylene insulated (XLPE), double copper tape screened, polyvinylchloride sheathed (PVC)
2XSYBY	Cross linked polyethylene insulated (XLPE), double copper tape screened, steel tape armoured, polyvinylchloride sheathed (PVC)
2XSYRY	Cross linked polyethylene insulated (XLPE), double copper tape screened, galvanized steel wire armoured, polyvinylchloride sheathed (PVC)
Li-2XY(Cub)CY	FRECO-EMC bare, flexible copper conductors, cross linked polyethylene insulated (XLPE), double copper tape + copper wire braid screened, polyvinylchloride sheathed (PVC)

Optional :

- Fire retardant acc. to IEC 60332-3 C
- Fire retardant acc. to IEC 60332-3 A
- Aluminium conductors "A"
- PVC insulation "Y"
- Copper braid screen "(C)"
- Steel wire braid armour "Q"
- Galvanized flat steel wire armour with counter helix "FG"
- Zero halogen sheath "H"
- Hydrocarbon resistant outer sheath
- Cold resistant outer sheath
- Termite repellent outer sheath



VDE Standard (Germany)

N2XY	Cross linked polyethylene insulated (XLPE), polyvinylchloride sheathed (PVC)
NYKY	Polyvinyl insulated (PVC), lead alloy sheathed, polyvinylchloride sheathed (PVC)
NA2X2Y	Aluminium conductors, cross linked polyethylene insulated (XLPE), polyethylene sheathed (PE)
N2X(L)2YY	Cross linked polyethylene insulated (XLPE), with transversal moisture barrier, polyethylene + polyvinylchloride double sheathed (PE+PVC)
...	Other constructions on request

NF Standard (France)

U-1000 R2V	Cross linked polyethylene insulated (XLPE), polyvinylchloride sheathed (PVC)
U-1000 RVFV	Cross linked polyethylene insulated (XLPE), steel tape armoured, polyvinylchloride sheathed (PVC)
U-1000 RGPV	Cross linked polyethylene insulated (XLPE), lead alloy sheathed, steel tape armoured, polyvinylchloride sheathed (PVC)

NEN Standard (Netherlands)

YMvKmb	Cross linked polyethylene insulated (XLPE), polyvinylchloride sheathed (PVC), fire retardant
YMvKmb Flex	Class 5 flexible conductors, cross linked polyethylene insulated (XLPE), polyvinylchloride sheathed (PVC), fire retardant
VO/VG-YMvKasmb	Cross linked polyethylene insulated (XLPE), steel armoured, polyvinylchloride sheathed (PVC), fire retardant
VO/VG-YLKmb	Cross linked polyethylene insulated (XLPE), lead alloy sheathed, steel armoured, polyvinylchloride sheathed (PVC), fire retardant

BS Standard (UK)

XLPE/LC/PVC/SWA/PVC	Cross linked polyethylene insulated (XLPE), lead alloy sheathed, galvanized steel wire armoured, polyvinylchloride sheathed (PVC)
XLPE/PVC/SWA/PVC	Cross linked polyethylene insulated (XLPE), galvanized steel wire armoured, polyvinylchloride sheathed (PVC)

HAR Standard (Europe)

H07 V-U	Solid copper conductor, polyvinylchloride insulation (PVC)
H07 V-R	Stranded copper conductor, polyvinylchloride insulation (PVC)
H07 V-K	Flexible copper conductor, polyvinylchloride insulation (PVC)

Grounding

- Bare, stranded copper conductor
- Stranded copper conductor with lead sheath





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Abbreviations for IEC and VDE Cable Construction Elements :

Core :	N	According to VDE - Standard
		Copper conductor
	Li	Flexible copper conductor class 5
	A	Aluminium conductor
	2X	Cross linked polyethylene insulation (XLPE)
	Y	Polyvinylchloride (PVC)
Screen :	C	Concentric layer of copper wires with a counter-helix of copper – tape
	S	Double layer of copper tapes
	(C)	Copper wire braid
	(Cub)C	Double layer of copper tapes + copper wire braid
Metallic barrier :	K	Lead alloy sheath
	(L)	Aluminium tape bonded to PE sheath (transversal moisture barrier)
Armour :	R(Al)	Round aluminium wires
	B(Al)	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 :	Y	Polyvinylchloride (PVC)
	2Y	Polyethylene (PE)

Core colours acc. to HD 308 S2 & EN 50334



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