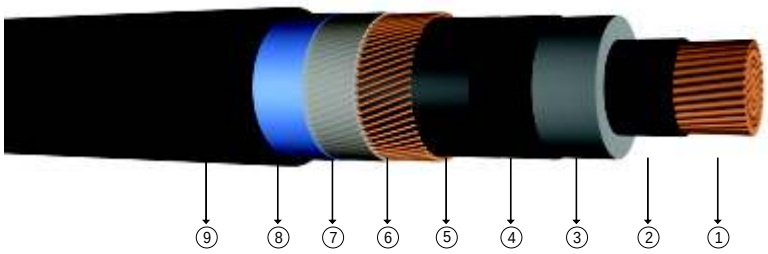
N2XS(FL)2Y 40/69 kV
CU/XLPE/LW/CWS/LW/PE

TRIO GLOBAL KABEL



- 40/69 kV XLPE insulated, radial and longitudinally sealed, single core cables with copper conductor

Standards: VDE 0276 - 632, IEC 60840 TEST STANDARDS

Technical Data

Max. operating temperature	: 90 °C
Max. short circuit temperature	: 250 °C (max. 5 sec.)
Rated voltage Min.	: 40/69 kV
bending radius	: 20 x D
D	: Cable outer diameter

Application

These are cables with low dielectric losses used in energy networks with sudden load changes. Laid in residential or industrial areas, underground in ducts. If the cable gets water inside due to the mechanical damages, swellable tapes prevent the penetration of the water inside the cable.

Construction

1. Stranded copper conductors
2. Inner semi conductive layer
3. XLPE insulation
4. Outer semi conductive layer
5. Semi conductive swelling tape
6. Copper screen
7. Semi conductor swelling tape
8. PE coated aluminium foil
9. PE outer jacket

DIMENSION AND WEIGHTS			ELECTRICAL PROPERTIES					
Nominal Cross Section	Overall Diameter (approx)	Net Weight (approx)	Operation Capaticance (approx)	DC Conductor Resistance at 20 °C Max	Current Carrying Capacity (A)			
					In ground at 20 °C	In duct 20 °C	In air at 30 °C	
mm²	mm	kg/km	µF/km	ohm/km			***	***
1x240/25	61.0	4700	0.18	0.0754	530	483	692	606
1x300/25	63.0	5400	0.19	0.0601	599	544	795	693
1x400/35	66.0	6300	0.21	0.0470	683	616	925	802
1x500/35	70.0	7600	0.23	0.0366	780	729	1075	929
1x630/35	75.0	9000	0.26	0.0283	886	828	1247	1066
1x800/35	79.0	10700	0.28	0.0221	997	929	1432	1210
1x1000/50	84.0	12900	0.31	0.0176	1173	1087	1728	1473
1x1200/50	90.0	15000	0.33	0.0151	1270	1173	1894	1611
1x1600/70	95.0	18800	0.37	0.0113	1465	1375	2245	1883
1x2000/95	102.0	22800	0.41	0.0090	1627	1530	2556	2111

- Die obigen Werte entsprechen den Angaben des Herstellers und können nicht garantiert werden.
- Wir behalten uns das Recht vor, Änderungen ohne vorherige Ankündigung vorzunehmen.
- Alle anderen Größen oder andere Ausführungen auf Anfrage

- The above values correspond to the manufacturer's specifications and are not guaranteed.
- We reserve the right to change details without notice.
- Any other sizes or any other designs available on request.

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