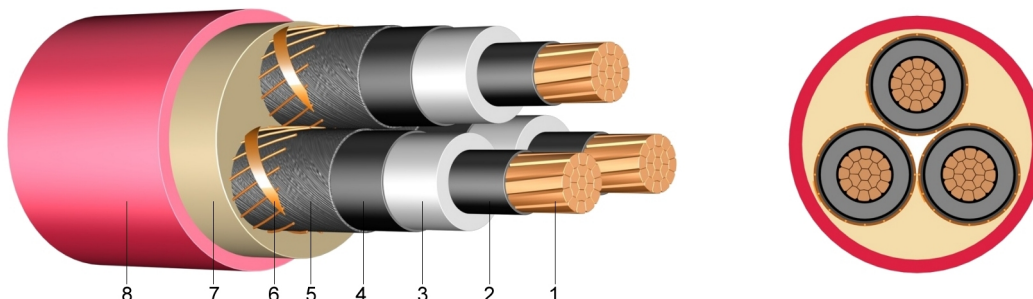


N2XSEY

Three-Core XLPE Insulation Cable with PVC Outer Sheath

Application:

To be laid directly in ground, water, outdoors, indoors and in cable ducts e.g. in industrial and switchboard plants.



Construction:

- 1 stranded bare copper
- 2 inner layer of semi-conducting material
- 3 core insulation of cross-linked polyethylene
- 4 outer layer of semi-conducting material
- 5 semi-conducting tape
- 6 screen of copper wires
- 7 inner covering over laid-up cores
- 8 outer sheath of polyvinylchloride (PVC), red

Standards:

DIN VDE 0276-620
 HD 620 S1: 1996
 IEC 60502
 DIN EN 60228 class 2 (construction)

Technical data:

Nominal voltage U_0/U	[V]	6000 / 10000 Volt
Test voltage	[V] _{Ac}	21000
Temperature range	in motion fixed	- 5°C till +70°C -20°C till +70°C
Operating temperature	short circuit	250
Short circuit time	max.	5 [sec]
Bending radius	min.	15 x diameter
Flammability	standard	EN 60332-1-2

Number of cores and nominal cross section	Copper figure	Overall diameter	Weight	Current carrying capacity ground	Current carrying capacity air
mm ²	kg/km	appr. mm	appr. kg/km	A	A
3 x 35 RM/16	1.209,6	49	2.600	213	213
3 x 50 RM/16	1.622,4	51	2.900	220	236
3 x 70 RM/16	2.198,4	55	3.350	261	265
3 x 95 RM/16	2.994,2	58	4.200	312	322
3 x 120 RM/16	3.638,4	62	5.050	355	370
3 x 150 RM/25	4.603,2	66	6.000	399	420
3 x 185 RM/25	5.611,2	69	7.200	451	481
3 x 240 RM/25	7.195,2	75	9.000	523	566