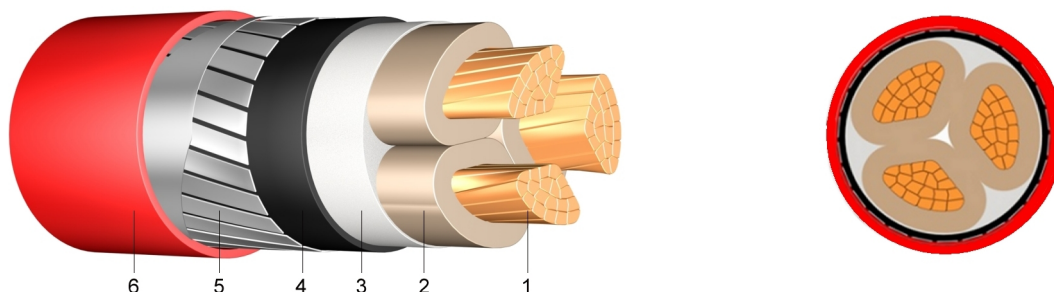


(N)YFGY

Three-Core PVC Insulated Cable with Flat Wire Armour

Application:

To be laid directly in ground, in water, outdoors, indoors and in cable ducts if increased mechanical protection is required or if greater tensile stresses are to be expected during installation and operation.



Construction:

- 1 stranded bare copper
- 2 core insulation of polyvinylchloride (PVC-DIV4)
- 3 rubber core covering
- 4 inner sheath of polyvinylchloride (PVC-DMV5)
- 5 armour of galvanised flat steel wires and counter helix
- 6 outer sheath of polyvinylchloride (PVC), red

Standards:

- DIN VDE 0271
 DIN VDE 0276-603
 DIN EN 60228 class 2 (construction)

Technical data:

Nominal voltage U ₀ /U		[V]	3600 / 6000 Volt
Test voltage		[V] _{Ac}	11000
Temperature range	in motion		- 5°C till +70°C
	fixed		-20°C till +70°C
Operating temperature	short circuit	°C	160
Short circuit time	max.	[sec]	5
Bending radius	in motion	x diameter	15
Flammability	standard		EN 60332-1-2

Number of cores and nominal cross section	Copper figure	Overall diameter	Weight	Current carrying capacity	
				ground	air
mm ²	kg/km	appr. mm	appr. kg/km	A	A
3 x 50 SM	1.440,0	41	3.520	175	165
3 x 70 SM	2.016,0	44	4.345	220	205
3 x 95 SM	2.736,0	47	5.330	260	250
3 x 120 SM	3.456,0	49	6.220	295	285
3 x 150 SM	4.320,0	52	7.120	335	325
3 x 185 SM	5.328,0	57	8.625	370	380
3 x 240 SM	6.912,0	59	9.885	425	430