

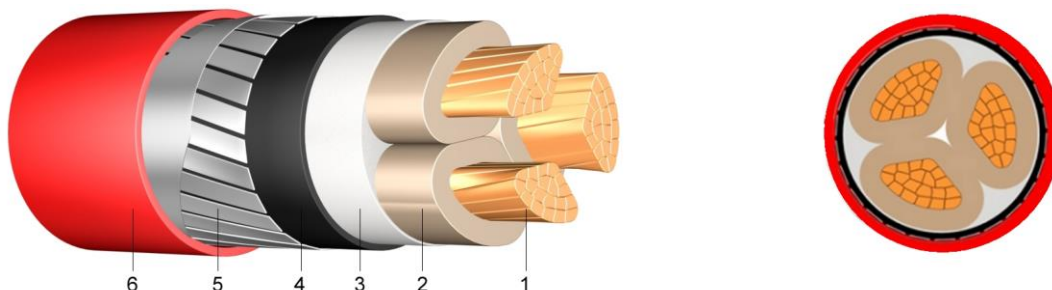


## (N)YFGY

## Three-Core PVC Insulated Cable with Flat Wire Armour

### Application:

To be laid directly in ground, 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:

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

### Technical data:

Nominal voltage U <sub>0</sub> /U		[V]	3600 / 6000 Volt
Test voltage		[V] <sub>Ac</sub>	11000
Temperature range	in motion		- 5°C till +70°C
	fixed		-20°C till +70°C
Operating temperature	short circuit	°C	160°C
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	from stock	Copper figure	Overall diameter	Weight	Current carrying capacity ground	Current carrying capacity air
			appr. mm	appr. kg / km		
mm <sup>2</sup>		kg/km			A	A
3 x 50 SM	○	1.500	41	3.520	175	165
3 x 70 SM	○	2.100	44	4.345	220	205
3 x 95 SM	○	2.850	47	5.330	260	250
3 x 120 SM	○	3.600	49	6.220	295	285
3 x 150 SM	○	4.500	52	7.120	335	325
3 x 185 SM	○	5.550	57	8.625	370	380
3 x 240 SM	○	7.200	59	9.885	425	430