

NYFGY (E-YFGY)

Three-core PVC Insulated Cable with Flat Wire Armour

according to DIN VDE 0271 / ÖVE - K23



Construction

Conductor of stranded bare copper wires, PVC insulation, common core covering, armour of galvanised flat steel wires and counter helix, red PVC outer sheath with normalised marking and meter marking.

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.

Temperature range

- 5°C till + 70°C

Admissible conductor temperature + 70°C

Admissible short circuit temperature + 160°C

(for the duration of max. 5 s)

Number of cores and nominal cross section	Price	Copper figure	Overall diameter		Weight	Current carrying capacity	
			min. value	max. value	ca.	ground	air
mm²	EUR / km	kg / km	ca. mm		kg / km	A	
NYFGY 3,6/6 KV							
3 x 25 RM	13.185,60	750	36	42	2640	126	105
3 x 35 SM	14.116,30	1050	36	43	2730	158	131
3 x 50 SM	17.024,90	1500	38	46	3220	187	157
3 x 70 SM	21.384,60	2100	41	49	4010	230	197
3 x 95 SM	27.513,50	2850	45	53	4930	275	241
3 x 120 SM	31.815,50	3600	48	56	5810	313	277
3 x 150 SM	37.994,10	4500	51	59	6770	352	316
3 x 185 SM	46.294,40	5550	55	64	7960	397	362
3 x 240 SM	56.205,10	7200	59	68	9850	460	427