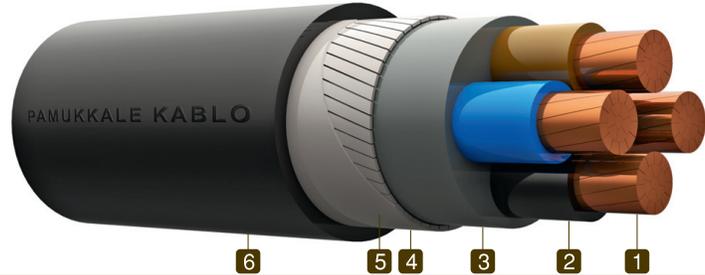




CONSTRUCTION

- 1 Copper conductor (class 1-2)
- 2 PVC insulation
- 3 PVC Bedding
- 4 Galvanized flat steel wire
- 5 Galvanized steel tape
- 6 PVC outer sheath



SPECIFICATIONS

Code : NYFGY
 Standards : VDE 0271
 Rated Voltage : $U_0/U=0.6/1$ kV

Application :
 Due to armour in the structure, these cables are resistant to mechanical compulsions and can be used under hard working condition places such as industrial plants, power centres etc. internally, externally, underground or in cable ducts.



Temperature Range



Max. Operating Temperature



Short Circuit Temperature



Flame Retardant
IEC 60332 -1-2



Mechanical Resistance



Min. Bending Radius



RoHS

PHYSICAL AND ELECTRICAL PROPERTIES

Nominal cross-section mm ²	Overall diameter (approx.) mm	Net weight (approx.) kg/km	Delivery length m	Delivery drum type cm	Conductor DC resistance at 20°C Ω / km (max.)	Current carrying capacity (30°C)	
						In earth A	In air A
3x25/16 rm	28	1900	1000	150	0.727	133	106
3x35/16 rm	30	2300	1000	150	0.524	159	129
3x50/25 rm	34	3000	1000	180	0.387	188	157
3x70/35 rm	38	3950	1000	200	0.268	232	199
3x95/50 rm	43	5150	1000	220	0.193	280	246
3x120/70 rm	48	6400	500	180	0.153	318	285
3x150/70 rm	52	7500	500	210	0.124	359	326
3x185/95 rm	57	9200	500	220	0.0991	406	374
3x240/120 rm	64	11700	500	240	0.0754	473	445
3x300/150 rm	70	14500	500	240	0.0601	535	511
4x16 rm	26	1570	1000	140	1.15	102	79
4x25 rm	29	2100	1000	150	0.727	133	106
4x35 rm	31	2650	1000	160	0.524	159	129
4x50 rm	36	3500	1000	180	0.387	188	157
4x70 rm	40	4620	1000	200	0.268	232	199
4x95 rm	45	6080	1000	220	0.193	280	246
4x120 rm	50	7400	500	200	0.153	318	285
4x150 rm	54	8900	500	210	0.124	359	326
4x185 rm	60	10950	500	220	0.0991	406	374
4x240 rm	67	13930	500	240	0.0754	473	445
4x300 rm	75	17400	500	260	0.0601	535	511