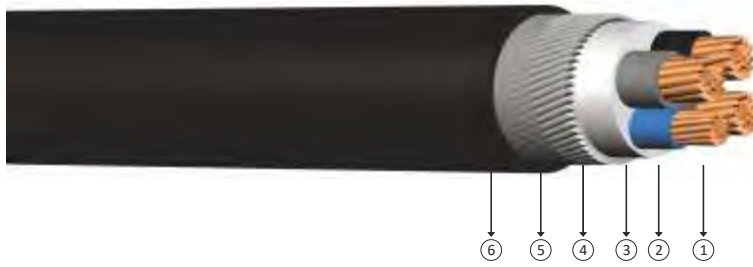


0,6/1 kV XLPE Insulated, round steel wire armoured, multi-core cables with copper conductor



Code: YXZ2V-R, CU/XLPE/SWA/PVC, N2XRY

R: Stranded Conductor

Standards: IEC 60502-1

Technical Data

Max. operating temperature : 90°C
 Max. short circuit temperature : 250°C (max. 5 sec.)
 Rated voltage : 0,6/1 kV
 Min. bending radius : 15 x D
 D : Cable outer diameter

Application

These cables have a low dielectric loss, used in indoor and outdoor applications, in cable ducts, underground, in power or switching stations, local energy distributions, industrial plants, where there is risk of mechanical damage.

Construction

- 1 Stranded copper conductors
- 2 XLPE insulation
- 3 Thermoplastic filler
- 4 Galvanized round steel wire
- 5 PP tape
- 6 PVC outer sheath

DIMENSION AND WEIGHTS				ELECTRICAL PROPERTIES		
Nominal Cross Section	Overall Diameter (approx)	Net Weight (approx)	Delivery Length	DC Conductor Resistance at 20°C Max	Current Carrying Capacity (A)	
mm ²	mm	kg/km	m	Ω/km	In ground at 20°C	In air at 30°C
3x16+10	23,0	1300	1000	1,15	111	96
3x25+16	27,0	2000	1000	0,727	143	130
3x35+16	29,0	2350	1000	0,524	173	160
3x50+25	32,5	3100	1000	0,387	205	195
3x70+35	38,0	4400	1000	0,268	252	247
3x95+50	42,0	5500	500	0,193	303	305
3x120+70	46,5	6850	500	0,153	346	355
3x150+70	51,5	8450	500	0,124	390	407
3x185+95	56,5	10300	250	0,0991	441	469
3x240+120	63,5	12850	250	0,0754	511	551
3x300+150	70,5	15600	250	0,0601	580	638
3x400+185	80,0	20750	250	0,0470	663	746

Note : Current carrying capacities are valid under the following conditions;
 In ground : 20°C, 70 cm depth of lay, soil-thermal resistivity 1 K.m/W, load factor 0,7
 In air : 30°C, load factor 1,0
 Number of system : 1