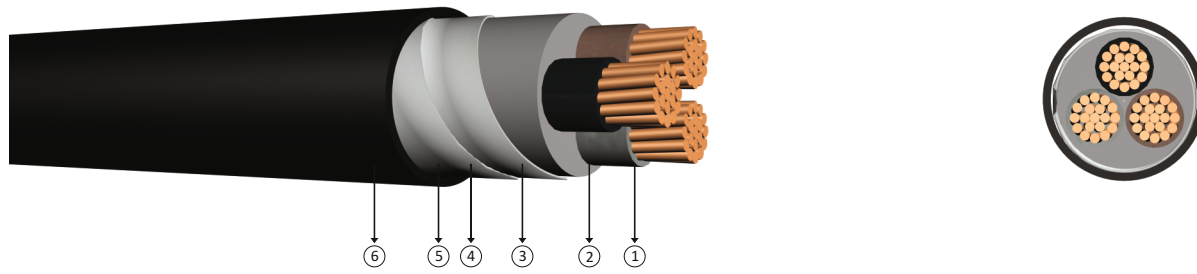


## 0.6/1 kV XLPE insulated, double steel tape armoured, multi-core cables with copper conductor



**Code:** YXZ4V-U, YXZ4V-R, CU/XLPE/DSTA/PVC, N2XBY

U: Solid Conductor

R: Stranded Conductor Rigid

**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 indoors and outdoors, in cable ducts, underground, in power or switching stations, local energy distributions, industrial plants, where there is risk of mechanical damage.

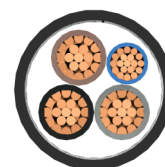
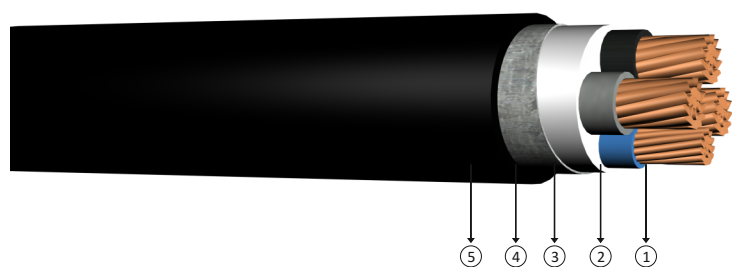
### Construction

- 1 Solid or stranded copper conductor
- 2 XLPE insulation
- 3 Filler
- 4 Galvanized double steel tape
- 5 PVC outer jacket

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 <sup>2</sup>	mm	kg/km	m	ohm/km	In ground at 20 °C	In air at 30 °C
3x1,5	14,0	300	1000	12,1	30	24
3x2,5	13,5	350	1000	7,41	40	32
3x4	14,5	430	1000	4,61	52	42
3x6	15,5	520	1000	3,08	64	53
3x10	18,5	730	1000	1,83	86	73
3x16	20,5	950	1000	1,15	111	96
3x25	24,0	1400	1000	0,727	143	130
3x35	26,0	1750	1000	0,524	173	160
3x50	29,0	2250	1000	0,387	205	195
3x70	33,5	3100	1000	0,268	252	247
3x95	37,5	4050	1000	0,193	303	305
3x120	42,0	5300	500	0,153	346	355
3x150	47,0	6500	500	1,124	390	407
3x185	51,5	7900	500	0,0991	441	469
3x240	58,0	10100	250	0,0754	511	551
3x300	65,5	12450	250	0,0601	580	638
3x400	73,5	16100	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

## 0.6/1 kV XLPE insulated, double steel tape armoured, multi-core cables with copper conductor



**Code:** YXZ4V-R, CU/XLPE/DSTA/PVC, N2XBV

R: Stranded Conductor Rigid

**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 indoors and outdoors, in cable ducts, underground, in power or switching stations, local energy distributions, industrial plants, where there is risk of mechanical damage.

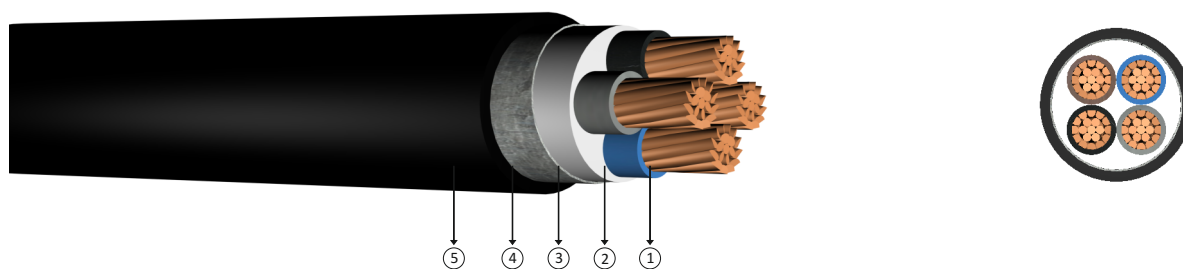
### Construction

- 1 Stranded copper conductors
- 2 XLPE insulation
- 3 Filler
- 4 Galvanized double steel tape
- 5 PVC outer jacket

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 <sup>2</sup>	mm	kg/km	m	ohm/km	In ground at 20 °C	In air at 30 °C
3x16+10	21,5	1100	1000	1,15	111	96
3x25+16	25,0	1550	1000	0,727	143	130
3x35+16	26,5	1900	1000	0,524	173	160
3x50+25	30,5	2550	1000	0,387	205	195
3x70+35	34,5	3500	1000	0,268	252	247
3x95+50	39,5	4800	1000	0,193	303	305
3x120+70	44,5	6050	500	0,153	346	355
3x150+70	48,0	7150	500	0,124	390	407
3x185+95	53,5	8850	500	0,0991	441	469
3x240+120	60,0	11250	250	0,0754	511	551
3x300+150	67,0	13800	250	0,0601	580	638
3x400+185	75,0	17700	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

## 0.6/1 kV XLPE insulated, double steel tape armoured, multi-core cables with copper conductor



**Code:** YXZ4V-U, YXZ4V-R, CU/XLPE/DSTA/PVC, N2XBY

U: Solid Conductor

R: Stranded Conductor Rigid

**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 indoors and outdoors, in cable ducts, underground, in power or switching stations, local energy distributions, industrial plants, where there is risk of mechanical damage.

### Construction

- ① Solid or stranded copper conductor
- ② XLPE insulation
- ③ Filler
- ④ Galvanized double steel tape
- ⑤ PVC outer jacket

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 <sup>2</sup>	mm	kg/km	m	ohm/km	In ground at 20 °C	In air at 30 °C
4x1,5	13,5	330	1000	12,1	30	24
4x2,5	14,5	400	1000	7,41	40	32
4x4	15,5	500	1000	4,61	52	42
4x6	17,0	600	1000	3,08	64	53
4x10	19,5	900	1000	1,83	86	73
4x16	22,0	1150	1000	1,15	111	96
4x25	26,0	1700	1000	0,727	143	130
4x35	28,0	2150	1000	0,524	173	160
4x50	31,5	2850	1000	0,387	205	195
4x70	37,0	3950	1000	0,268	252	247
4x95	42,0	5400	500	0,193	303	305
4x120	47,0	6750	500	0,153	346	355
4x150	51,5	8200	500	1,124	390	407
4x185	57,0	10000	250	0,0991	441	469
4x240	64,5	12800	250	0,0754	511	551
4x300	72,5	15800	250	0,0601	580	638
4x400	82,0	20600	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