

0.6/1 kV

XLPE INSULATED, HALOJEN FREE , FLAME RETARDANT , ROUND STEEL WIRE ARMoured WITH COPPER CONDUCTOR POWER CABLES



N2XRH

Code	N2XRH
Standarts	TSE K 339
Construction	Copper Conductor, XLPE Insulation ,HFFR Filler, Galvanized round steel wire, Galvanized steel tape, HFFR Outer Sheath
Application	These cables have a low dielectric loss, coupled with mechanical resistance are mainly used in energy networks with sudden load change residential or industrial areas. Can be laid outdoors, undergrounds and in areas where sudden mechanical stresses are expected.
Technical Datas	Max. operating temperature 90 °C Max. short circuit temperature 250 °C Min. Bending radius 12*D D: Cable overall Dia. (mm)

Dimensions and Weights				Electrical Information		
Nominal cross-section	Overall Diameter	Net Weight	Delivery reel size for 1000m cable	Conductor DC (maks.) resistance at 20 °C (maks.)	Current carrying capacity in	
					Ground(A)	Air(A)
mm ²	mm	kg/km	cm	ohm/km		
3x1.5 re	13,5	315	100	12,1	30	23
3x2.5 re	14,0	360	100	7,41	40	32
3x4 re	15,5	430	120	4,61	52	42
3x6 re	16,5	520	120	3,08	64	53
3x10 rm	20,0	930	120	1,83	86	73
3x16 rm	22,0	1200	130	1,15	111	98
3x25 rm	26,0	1750	140	0,727	143	126
3x35 rm	28,5	2150	140	0,524	173	156
3x50 rm	31,0	2750	160	0,387	205	190
3x70 rm	36,5	3800	200	0,268	252	245
3x95 rm	40,0	4800	220	0,193	303	297
3x120 rm	44,0	5800	160*	0,153	346	346
3x150 rm	50,0	7300	200*	0,124	390	398
3x185 rm	55,0	9000	220*	0,0991	441	455
3x240 rm	61,0	11000	240*	0,0754	511	535

re: Single-wire conductor
rm: Stranded conductor

* For 500 m length cables