

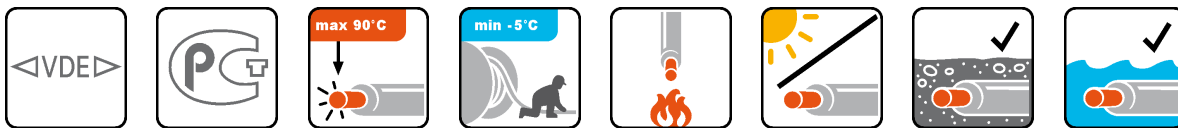
# Medium voltage cable N2XSEY acc. to VDE 0276-620

conductor material:	bare copper
conductor construction:	stranded, class 2
insulation:	XLPE DIX8
sheathing material:	PVC DMV6
flame retardant:	VDE 0482-332-1-2/IEC 60332-1
maximum temperature at conductor:	90 °C
max. operating temperature, fixed:	+70 °C
temperature, moved/during installation:	-5 - +70 °C
bending radius, fixed installation:	15 x DA
partial discharge:	2 {pC}

nominal voltage U <sub>0</sub> :	6 kV
nominal voltage U:	10 kV
maximum permitted operating voltage in 3-phase systems:	12 kV
test voltage:	21 kV

**Application:** For installation in ground, in water, outdoors, indoors and in cable ducts for power stations, industry, and distribution networks. The good installation properties of this cable make installation easy, even on difficult routes. Acc. to VDE 0276-603 cables must be protected against direct sun irradiation.

Russia: ПвЭВ  
Austria: E-2XHCEY



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

table: technical data N2XSEY 6/10 kV

Art-Nr.	part-name	DI [mm]	RI [Ω/km]	Wi [mm]	l <sub>bl</sub> [A]	l <sub>be</sub> [A]	l <sub>k</sub> [kA]	R <sub>bf</sub> [mm]	DA [mm]	F <sub>z</sub> [N]	CU	G [kg/km]	
011310	N2XSEY 03X35/16 6/10 kV RT	RM	7,5	0,524	3,4	178	187	5	588	49	1750	1209	3300
011311	N2XSEY 03X50/16 6/10 kV RT	RM	8,6	0,387	3,4	213	213	7,15	624	52	2500	1671	3900
011312	N2XSEY 03X70/16 6/10 kV RT	RM	10,2	0,268	3,4	265	261	10	660	55	3500	2247	4700
011313	N2XSEY 03X95/16 6/10 kV RT	RM	12	0,193	3,4	322	312	13,6	720	60	14250	2994	5850
011314	N2XSEY 03X120/16 6/10 kV RT	RM	13,5	0,153	3,4	370	355	17,2	768	64	6000	3714	6800
011315	N2XSEY 03X150/25 6/10 kV RT	RM	15	0,124	3,4	420	399	21,4	804	67	22500	4638	7950
011316	N2XSEY 03X185/25 6/10 kV RT	RM	16,8	0,0991	3,4	481	451	26,5	852	71	27750	5646	9300
011497	N2XSEY 03X240/25 6/10 kV RT	RM	19,2	0,0754	3,4	566	523	34,3	924	77	36000	7272	11550