



LOW VOLTAGE CABLES

NAY2Y



APPLICATION

The NAY2Y meets the requirements of the TP PRAKAB 12/03 standard based on VDE 0276-603 and is suitable for fixed installation indoors, in cable ducts, underground, in water, and outdoors. It is ideal for applications in power plants, industrial and switching stations, as well as local supply networks - wherever mechanical stress during installation or operation plays a significant role.

TECHNICAL DATA

SCREEN	No
MAX. PERMISSIBLE CONDUCTOR TEMPERATURE (°C)	70 °C
MAXIMUM SHORT-CIRCUIT TEMPERATURE (°C)	300 mm2: +140 °C
MINIMUM LAYING TEMPERATURE (°C)	-5 °C
BENDING RADIUS (MM)	15/12xD mm
CPR CLASS	Fca
FLAME RETARDANT	no
MINIMUM STORAGE TEMPERATURE (°C)	-35 °C
OPERATING TEMPERATURE RANGE (°C)	-35-+70 °C
RATED VOLTAGE (KV)	0.6/1 kV
TEST VOLTAGE (KV)	4 kV



CROSS-SECTIONS/VOLTAGE — 0.6/1 KV

CORES & CROSS-SECTION	COND.	SHAPE	RI [OHM/KM]	WI [MM]	WM [MM]	RBV [MM]	Ø [MM]	G [KG/KM]
1x50	Al	RMV	0.641	1.4	1.8	12xD	15	277
1x70	Al	RMV	0.443	1.4	1.8	12xD	17	356
1x95	Al	RMV	0.32	1.6	1.8	12xD	19	464
1x120	Al	RMV	0.253	1.6	1.8	12xD	20	549
1x150	Al	RMV	0.206	1.8	1.8	12xD	22	670
1x185	Al	RMV	0.164	2	1.8	12xD	25	821
1x240	Al	RMV	0.125	2.2	1.8	12xD	27	1035
1x300	Al	RMV	0.1	2.4	1.9	12xD	30	1273
1x400	Al	RMV	0.0778	2.6	2	12xD	34	1598
1x500	Al	RMV	0.0605	2.8	2.1	12xD	37	2001
3x50+25	Al	SM/RMV	0.641	1.4/1.2	1.9	12xD	30	1222
3x70+35	Al	SM/RMV	0.443	1.4/1.2	2	12xD	34	1582
3x95+50	Al	SM	0.32	1.6/1.4	2.2	12xD	39	2004
3x120+70	Al	SM	0.253	1.6/1.4	2.3	12xD	42	2429
3x150+70	Al	SM	0.206	1.8/1.4	2.4	12xD	47	2854
3x185+95	Al	SM	0.164	2.0/1.6	2.6	12xD	51	3492
3x240+120	Al	SM	0.125	2.2/1.6	2.8	12xD	58	4437
4x16	Al	RMV	1.91	1	1.8	12xD	23	649
4x25	Al	RMV	1.2	1.2	1.8	12xD	26	906
4x50	Al	SM	0.641	1.4	1.9	12xD	31	1324
4x150	Al	SM	0.206	1.8	2.5	12xD	48	3183
4x185	Al	SM	0.164	2	2.7	12xD	53	3928
4x240	Al	SM	0.125	2.2	2.9	12xD	59	4929
5x50	Al	SM	0.641	1.4	2	12xD	35	1661
5x70	Al	SM	0.443	1.4	2.2	12xD	40	2137
5x95	Al	SM	0.32	1.6	2.4	12xD	45	2816
5x120	Al	SM	0.253	1.6	2.5	12xD	49	3342