

# Fixed Installation Cables

power cable 0.6/1kv **NYY-J, NYY-O**



## Construction (케이블구성)

<b>Conductor</b> (도체)	copper, plain, single or multiple wire
<b>Insulation</b> (내피재질)	PVC acc.to VDE0207 part4
<b>Core code</b> (코어식별)	VDE0293 7 and more : black cores with white number
<b>Sheath</b>	PVC VDE0207 part5
<b>Sheath colour</b> (외피색상)	black

## Technical data (기술사항)

<b>Nominal voltage</b> (사용전압)	U <sub>0</sub> /U 600/1000V
<b>Testing voltage</b> (시험전압)	4000V
<b>Min. bending radius</b> (곡률반경)	single : 15 x d multi : 12 x d
<b>Temperature range</b> (사용온도)	mobile : -5°C to +50°C static : -40 to 70°C
<b>Fire performance</b> (내화성관련)	IEC 60 332-1



re=  
round conductor,  
single wire



rm=  
round conductor,  
multi wire



sm=  
sectorial conductor

part Nr	No. of pairs and mm <sup>2</sup>	oym dia. mm	copper weight kg/km	weight kg/km
35510110	1 x 1 re	9	38	130
35510160	1 x 6 re	10	58	136
35510161	1 x 10 re	11	99	188
35510162	1 x 16 re	12	155	255
35510163	1 x 25mm	13	243	370
35510164	1 x 35rm	14	338	480
35510165	1 x 50rm	16	480	620
35510166	1 x 70rm	17	673	840
35510167	1 x 95rm	18	920	1100
35510168	1 x 120rm	20	1160	1330
35510169	1 x 150rm	23	1440	1640
35510170	1 x 185rm	25	1790	1990
35510171	1 x 240rm	28	2310	2550
35510172	1 x 300rm	30	2890	3200
35510173	1 x 400rm	33	3850	4000
35510174	1 x 500rm	37	4800	5100
35510315	3 x 1.5 re	12	43	227
35510325	3 x 2.5 re	13	73	280
35510340	3 x 4 re	14	115	380
35510360	3 x 6 re	15	175	480
35510361	3 x 10 re	17	290	678
35510362	3 x 16 re	19	460	880
35510363	3 x 25mm	23	722	1390
35510364	3 x 35sm	25	1100	1600
35510365	3 x 50sm	28	1450	2000
35510366	3 x 70sm	30	2020	2700
35510367	3 x 95sm	36	2740	3600
35510368	3 x 120sm	39	3460	4400
35510369	3 x 150sm	44	4320	4910
35510370	3 x 185sm	50	5330	6550
35510371	3 x 240sm	54	6920	8300
35510414	4 x 1.5 re	13	60	220
35510425	4 x 2.5 re	14	98	300
35510440	4 x 4 re	15	155	410
35510460	4 x 6 re	17	230	520
35510461	4 x 10 re	18	388	720
35510462	4 x 16 re	22	615	1050
35510463	4 x 25rm	25	960	1660
35510464	4 x 35sm	28	1348	1860
35510465	4 x 50sm	32	1920	2500
35510466	4 x 70sm	36	2890	3300
35510467	4 x 95sm	38	3650	4500
35510468	4 x 120sm	43	4610	5500
35510469	4 x 150sm	48	5760	6880
35510470	4 x 185sm	53	7110	8460
35510471	4 x 240sm	60	9220	11000



Thomas Cable