



# Lift and Reeling Cables

## 외부충격에 강화된 Reeling Cable

RoHS



### Construction (케이블구성)

Conductor (도체)	Flexible plain copper IEC 60228 cl.5
Insulation (내피재질)	XLPE polyethylene cross linked
Inner sheath	special PUR
Reinforcement	Anti twistelement
Sheath	special PUR
Sheath color (외피색상)	yellow

#### Note

- ✓ 강한 외부충격에 대한 저항성 우수
- ✓ 찰힘에 강함
- ✓ 스크랩 대차용

### Technical data (기술사양)

Nominal voltage (사용전압)	Uo/U 0.6/1kV
Max operating voltage in AC system	Um 1.2 kV
Testing voltage (시험전압)	
power	3.5 kV in AC
control	2.5 kV in AC
Temperature range (사용온도)	
fixed laying	-30°C to +80°C
flexible application	-40°C to +80°C
Max. Temperature at the conductor	+90°C
Bending radius	
fixing	10 × 0.D
static	6 × 0.D
Max. tensile liad	20N /mm <sup>2</sup> of copper cross section
Reeling speed	up to 120m / min
Oil resistance	very good
Outdoor application	UV and Ozone resistance
Fire performance	acc. to 60332-1

Number of cores and nominal cross0section mm <sup>2</sup>	Outer diameter Min (mm)	Outer diameter Max (mm)	weight approx. kg / km	Max. tensile load (N)
4G 2,5*	10	11,5	180	200
4G 4*	11,5	13	260	320
4G 6*	13	14,5	370	480
4G 10*	15,5	17	580	800
4G 16*	19,5	21,5	920	1280
3 × 25 + 3G 6*	23,5	25,5	1240	1800
3 × 25 + 3G16*	28,0	31,0	1390	2000
3 × 25 + 15 x 4	41,0	44,0	3100	4200
3 × 25 + 3 x (5 x 4)	41,0	44,0	3100	4200
3 × 35 + 3G 6*	27	29,5	1640	2400
3 × 50 + 3G10*	30	32,5	2240	3600
3 × 50 + 3G25*	32	35,5	2440	4000
3 × 75 + 3G16*	35	37,5	3100	5100
3 × 95 + 3G16*	39	42	3890	6600
3 × 120 + 3G25*	44	47	5080	8700
3 × 150 + 3G25*	49	52,5	6160	10500
3 × 185 + 3G35*	54,5	58,5	7680	13200
3 × 240 + 3G50	60,5	64,5	9870	17400
3 × 300 + 3G50	68,5	72,5	12300	21000
4 x 10 + 12 x 4	24,0	28,0	1200	2200
5G 2,5	11	12,5	220	250
5G 4	13	14,5	320	400
5G 6*	15	16,5	450	600
5G 10	18	20	700	1000
5G 16*	22	24	1100	1600
5G 25	27	29,5	1550	2500
5G 35	31	33,5	2050	3500
6 × 16 + 19 x 4	29,8	32,6	2200	3440
7 × 1,5	11,5	13	210	210
12 × 1,5	16	17,5	330	360
18 × 1,5	16	17,5	410	540
24 × 1,5	19	21,5	680	720
36 × 1,5	22	24	900	1080
7 × 2,5	12,5	14	30	350
12 × 2,5*	18,5	20,5	610	600
18 × 2,5*	18,5	20,5	740	900
24 × 2,5	22,5	24,5	1050	1200
36 × 2,5*	25	28	1430	1800
42 × 2,5	27	29,5	1500	2100
26 × 2,5 + (4 × 2,5)C*	24,5	27	1260	1500
7 × 16 + 6 × (2 × 2,5)C + 3 × 3 × 2,5	on request			3290



Thomas Cable