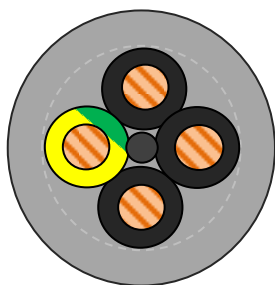


CONTROL CABLE

THOMFLEX-1000 (105°C)



A B C D

THOMFLEX-1000 4X1.5mm² 105°C CE RoHS

APPLICATION / CHARACTERISTICS

- Control and connection cable (선심 식별 : 번호)
- 서비스 캐비닛 및 제어 장치 건설, 전기 기술, 설치 및 포장 기술, 섬유 기계 건설, 목공 기계 및 공작 기계, 플랜트 엔지니어링 적용
- 인장하중 없이 자유롭게 비연속적으로 반복적인 고정 설치 공간

CABLE STANDARDS

Reference standard : EN 50525-1



CONSTRUCTION

A) Conductor	Bare copper wires, Class 5
B) Insulation	PVC
Core Identification	Black cores with consecutive numbers yellow/green earth wire from 3 cores
C) Assembly	Required cores shall be assembled
D) Sheath	PVC
Sheath Colour	Grey (RAL 7001)

TECHNICAL DATA

Rated voltage	300/500V
Test voltage	4,000V/5min.
Min. bending radius	5 x D (Fixed)
Temperature range	-5°C ~ 105°C (Fixed)
Flame retardant	IEC 60332-1-2



No. of cores x cross-sectional area (No. x mm ²)	Diameter of wire Max. (mm)	Diameter of cable Nom. (mm)	Copper weight Approx. (kg/km)	Cable weight Approx. (kg/km)
2 x 1.5	0.26	6.4	24.1	69.3
3 x 1.5	0.26	7.0	36.1	88.0
4 x 1.5	0.26	7.7	48.1	111.3
5 x 1.5	0.26	8.5	60.1	138.5
7 x 1.5	0.26	9.2	84.2	166.4
10 x 1.5	0.26	12.0	120.2	249.8
12 x 1.5	0.26	12.4	144.3	279.6
15 x 1.5	0.26	14.1	180.3	356.4
18 x 1.5	0.26	14.8	216.4	419.0

No. of cores x cross-sectional area (No. x mm ²)	Diameter of wire Max. (mm)	Diameter of cable Nom. (mm)	Copper weight Approx. (kg/km)	Cable weight Approx. (kg/km)
2 x 2.5	0.26	7.8	40.1	106.5
3 x 2.5	0.26	8.5	60.1	135.3
4 x 2.5	0.26	9.3	80.2	170.4
5 x 2.5	0.26	10.3	100.2	213.2
7 x 2.5	0.26	11.4	140.3	263.9
10 x 2.5	0.26	14.8	200.3	392.8
12 x 2.5	0.26	15.3	240.4	441.1
15 x 2.5	0.26	17.3	300.5	558.5
18 x 2.5	0.26	18.2	360.6	658.9

Other dimensions and colours are possible on request