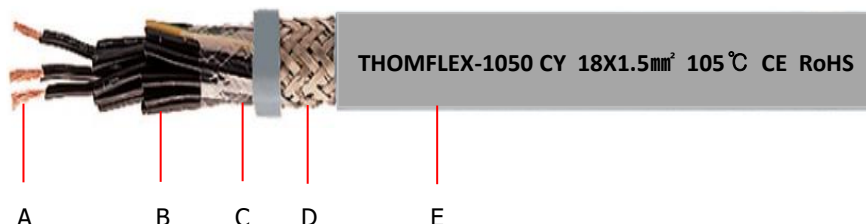
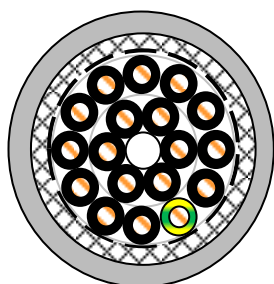


CONTROL CABLE

THOMFLEX-1050 CY (105°C)



THOMFLEX-1050 CY 18X1.5mm² 105°C CE RoHS

APPLICATION / CHARACTERISTICS

- Control and connection cable (선심 식별 : 번호)
- 인장하중 없이 자유롭게 비연속적으로 반복적인 고정 설치 공간
- EMC에 민감한 환경 (편조 차폐)

CABLE STANDARDS

Reference standard : EN 50525-1



CONSTRUCTION

A) Conductor	Bare copper, 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 with suitable tape
D) Shield	Tinned copper wire braiding
E) Sheath	PVC
Sheath Colour	Grey (RAL 7001)

TECHNICAL DATA

Rated voltage	300/500V
Test voltage	C/C 4,000V/5min. C/S 1,000V/5min.
Min. bending radius	6 x D (Fixed)
Temperature range	-5°C ~ 105°C
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	7.3	41.4	77.0
3 x 1.5	0.26	7.8	57.8	99.8
4 x 1.5	0.26	8.6	72.5	126.6
5 x 1.5	0.26	9.3	87.4	151.0
7 x 1.5	0.26	10.2	115.5	192.3
10 x 1.5	0.26	13.0	160.3	280.4
12 x 1.5	0.26	13.5	193.2	318.4
18 x 1.5	0.26	15.9	274.1	458.0

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	8.8	64.1	113.3
3 x 2.5	0.26	9.3	87.0	145.0
4 x 2.5	0.26	10.3	110.9	185.6
5 x 2.5	0.26	11.3	133.9	227.5
7 x 2.5	0.26	12.2	177.8	284.4
10 x 2.5	0.26	15.9	256.9	431.4
12 x 2.5	0.26	16.4	302.8	483.3
18 x 2.5	0.26	19.4	449.6	714.6

Other dimensions and colours are possible on request