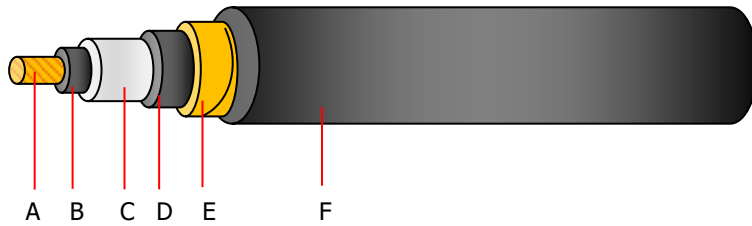


POWER CABLE

6/10kV THOMFLEX-2XY



APPLICATION / CHARACTERISTICS

CABLE STANDARDS

Reference standard : IEC 60502-2

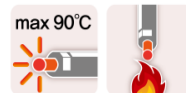


CONSTRUCTION

A) Conductor	Plain annealed copper wire compacted Circular stranded wires, class 2
B) Conductor screen	Semi-conducting layer
C) Insulation	XLPE
Core Identification	Natural
D) Insulation screen	Semi-conducting layer
E) Shield	Plain annealed copper tape with suitable tape
F) Sheath	FR-PVC
Sheath Colour	Black (RAL 9005)

TECHNICAL DATA

Rated voltage	6/10kV
Test voltage	21kV/5min.
Min. bending radius	15 x D
Temperature range	-5°C ~ 90°C
Flame retardant	IEC 60332-3-24



No. of cores x cross-sectional area (No. x mm ²)	Thickness of insulation min. avg. (mm)	Thickness of sheath Nom. (mm)	Diameter of cable Nom. (mm)	Conductor Resistance at 20 °C Max. (Ω/km)	Current carrying capacity at 30 °C Approx. (A)
1 x 50	3.4	1.6	23.0	0.387	282
1 x 70	3.4	1.7	25.0	0.268	369
1 x 95	3.4	1.7	27.0	0.193	433
1 x 120	3.4	1.8	28.0	0.153	520
1 x 150	3.4	1.8	30.0	0.124	598
1 x 185	3.4	1.9	32.0	0.0991	687
1 x 240	3.4	2.0	35.0	0.0754	786