

POWER CABLE

0.6/1kV THOMFLEX-2XY-S



APPLICATION / CHARACTERISTICS

CABLE STANDARDS

Reference standard : IEC 60502-1

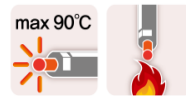


CONSTRUCTION

A) Conductor	Bare copper wires, Class 5
B) Insulation	XLPE
Core Identification	Natural
C) Binder	Suitable binder
D) Shield	Plain annealed copper tape with suitable tape
E) Sheath	FR-PVC
Sheath Colour	Black (RAL 9005)

TECHNICAL DATA

Rated voltage	0.6/1kV
Test voltage	3,500V/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	Thickness of insulation	Thickness of sheath	Diameter of cable	Conductor Resistance at 20 °C	Current carrying capacity at 30 °C
(No. x mm ²)	min. avg. (mm)	Nom. (mm)	Nom. (mm)	Max. (Ω/km)	Approx. (A)
1 x 50	1.0	1.4	15.0	0.386	277
1 x 70	1.1	1.4	18.0	0.272	350
1 x 95	1.1	1.5	20.0	0.206	425
1 x 120	1.2	1.5	22.0	0.161	494
1 x 150	1.4	1.6	24.0	0.129	577
1 x 185	1.6	1.6	27.0	0.106	662
1 x 240	1.7	1.7	30.0	0.0801	783