



SPECIFICATION

for

THOMFLEX-(N)51Y

Tech Spec No. : TCC-SPEC-036/2022

Issued date : 4th. Mar. 2022

Revised No. : 1

Revised date : 7th. Mar, 2022

Rev No.	Rev. date	Contents
1	22.03.07	Change of Description

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IG. Hwang

 **Thomas Cable Co.,Ltd.**



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Cable description : THOMFLEX-(N)51Y

Temperature rating : -60~260 °C

Rating voltage : 300/500V

Cable Construction**Conductor**

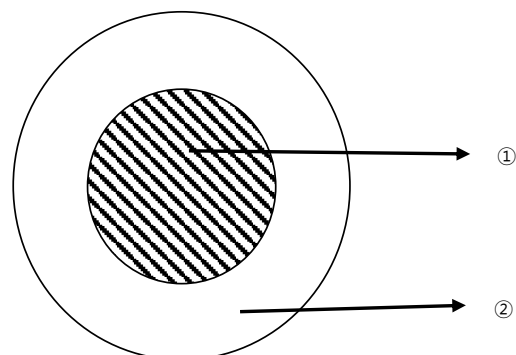
Tinned annealed high-conductivity copper
Round bunch-stranded wires

Insulation

PFA

Color

Black (RAL 9005)

Drawing

① : Conductor

② : Insulation

Geometrical & Electrical data

No of cores and cross-section	Diameter of conductor	Thickness of insulation	Diameter of insulation	Thickness of over sheath	Overall diameter	Conductor Resistance at 20°C	Test voltage	Remark
(nom.) (No x mm ²)	(nom.) (mm)	(nom.) (mm)	(nom.) (mm)	(nom.) (mm)	(nom.) (mm)	(max.) (Ω/km)	(a.c) (kV/1min)	
1 x 1.0	1.3	0.35	2.00	-	-	19.50	2.5	-
1 x 1.5	1.5	0.40	2.35	-	-	13.30	2.5	-
1 x 2.5	2.1	0.40	2.85	-	-	7.98	2.5	-