



SPECIFICATION

for

THOMFLEX-6YSIBE6Y

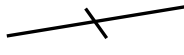
Tech Spec. No. : TCC-SPEC-088/2022


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Prepared by JH Park
JH. Park

Checked by 

Approved by 
IG. Hwang



Thomas Cable Co.,Ltd.



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Description : THOMFLEX-6YSIBE6Y

Rated voltage : 300/500V

Range of temp. : - 60°C ~ 200°C (Fixed)

Construction**Conductor**

Tinned annealed copper
round bunch-stranded, Class 5 (IEC 60228)

Insulation

FEP

Core identification

1P : White-Red, 2P : Blue-Brown

Unit

Two cores shall be pairing

Assembly

Required pairs shall be assembled
with suitable binder

Inner sheath

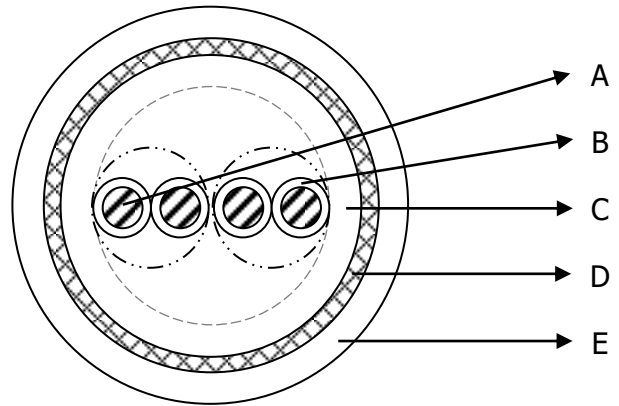
Silicone rubber, White

Shield

Tinned annealed copper wire braiding

Outer sheath

FEP, Black

Drawing

- A : Conductor
B : Insulation
C : Inner sheath
D : Shield
E : Outer sheath

Construction & Electrical table

No. of pairs and cross-sectional area	Diameter of conductor	Thickness of insulation	Thickness of sheath	Overall diameter	Conductor Resistance at 20°C	Test voltage	Remark
(No. x mm ²)	(nom.) (mm)	(nom.) (mm)	(nom.) (mm)	(nom.) (mm)	(max.) (Ω/km)	(a.c) (kV/1min)	
2 x 2 x 1.0	1.3	0.3	0.5	9.6	20.0	2.5	IEC 60332-1-2