



SPECIFICATION

for

THOMFLEX-Li6YC6Y PiMF

Tech Spec No. : TCC-SPEC-113/2020

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Description : THOMFLEX-Li6YC6Y PiMF

Rated voltage : 300/500V

Range of temp. : - 60 ~ 200℃

Construction**Conductor**

Tinned annealed copper
round bunch-stranded, Class 5

Insulation

FEP

Core identification

1P : White-Black, 2P : White-Red
3P : White-Blue, 4P : White-Brown

Unit & Pair shield

2 cores shall be pairing with AL-Mylar tape

Assembly

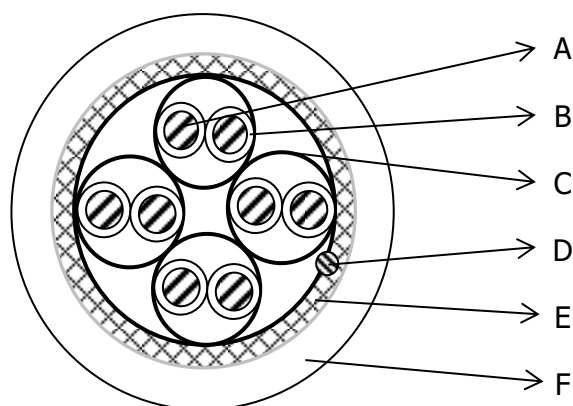
Required units shall be assembled
with suitable binder

Overall shield

Tinned annealed copper wire braiding with braid wire
(Min. cov. : 85%)

Sheath

FEP, Black

Drawing

- A : Conductor
B : Insulation
C : AL-Mylar tape
D : Drain wire
E : Overall shield
F : Sheath

Cable marking

- Marking method & Interval : White ink printing with max. 1,000mm interval

- Marking content

ex) THOMAS CABLE THOMFLEX-Li6YC6Y PiMF 4 x 2 x 0.5mm² General marking

Construction & Electrical table

No. of pairs & cross-sectional area	Diameter of conductor	Thickness of insulation	Diameter of insulation	Thickness of sheath	Overall diameter	Conductor Resistance at 20℃	Test voltage	Remark
(Pr. x mm ²)	(nom.) (mm)	(nom.) (mm)	(nom.) (mm)	(nom.) (mm)	(nom.) (mm)	(max.) (Ω/km)	(a.c) (kV/1min)	
4 x 2 x 0.5	0.9	0.3	1.6	0.65	9.8	40.1	2.0	IEC 60332-1-2