



Tech Spec. No. : TCC-SPEC-048/2025
 Revised No. : -

Description : 0.6/1kV SAVAFLEX-FC REEL(EP/CR)-R TP

Rated voltage : 0.6/1kV

Construction

Conductor

Tinned annealed copper round bunch-stranded, Class 5 with steel wire (up to 4mm²)

Insulation

EPR

Core identification

Black-White cores with consecutive numbers

Unit

Two cores shall be pairing

Assembly

Required pairs shall be assembled with filler and suitable binder

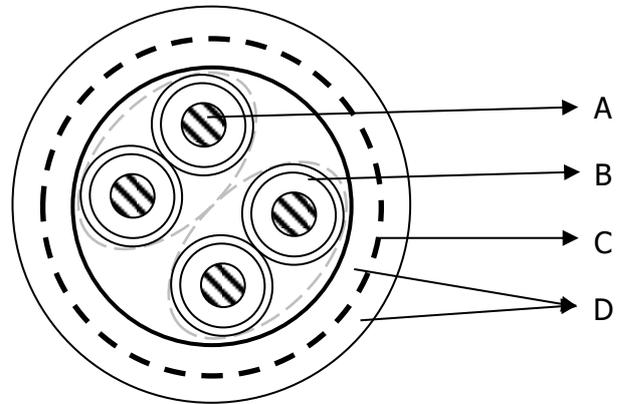
Reinforced lay

High tension yarn braiding

Sheath

CR, Black (RAL 9005)

Drawing



- A : Conductor (with steel wire)
- B : Insulation (with binder)
- C : Reinforced lay
- D : Sheath

Cable marking

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

- Marking content

ex) 0.6/1kV SAVAFLEX-FC REEL(EP/CR)-R TP 2P x 1.5SQMM THOMAS CABLE General marking

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 | Flame retardant |
|---------------------------------------|-----------------------|-------------------------|---------------------|------------------|------------------------------|-----------------|-----------------|
| (No. x SQ) | (nom.) (mm) | (nom.) (mm) | (nom.) (mm) | (nom.) (mm) | (max.) (Ω/km) | (a.c) (kV/5min) | |
| 2P x 1.5 | 1.5 | 1.2 | 3.2 | 23.0 | 13.7 | 3.5 | IEC 60332-1-2 |