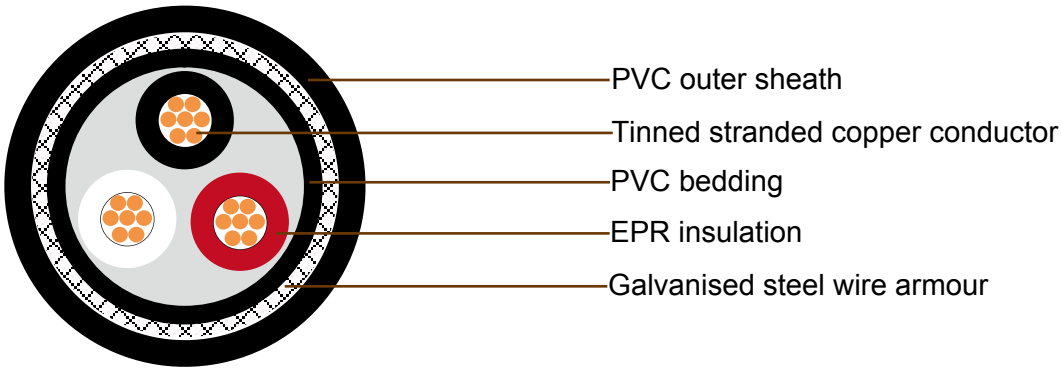
# 0.6/1kV
# TPYCY, FA- TPYCY

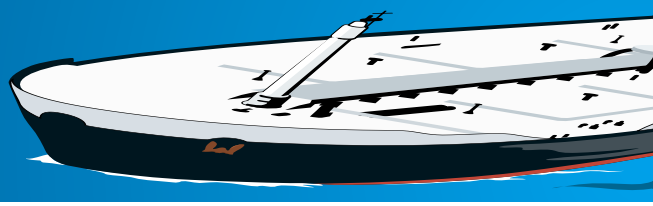
## Standard

- JISC 3410-1999
- IEC 60332-1
- IEC 60332-3 Cat.A(for FA-type)

## Cable Construction




| | | |
|---|---|---|
| **Conductor** | D(T,F,5,6,10) | Tinned annealed stranded copper, class 2 according to IEC 60228 |
| **Insulation** | P | 85°C EPR as per JIS C 3410 |
| **Cabling** | | Insulated conductors shall be cabled.<br>Flame retardant & non-hygroscopic fillers may be used |
| **Bedding** | Y | PVC as per JIS C 3410 |
| **Armor** | C | Galvanized steel wire braid |
| **Sheath** | Y | PVC as per JIS C 3410 |
| **Core identification** | | 2C Black, White -<br>3C / 2C+E Black, White, Red/ Black, White, G/Y<br>4C / 3C+E Black, White, Red, Green /Black, White, Red, G/Y<br>5C and over Black No. on white insulation /Black No. on white insulation, G/Y |
| **Outer sheath color** | | Black |



## Cable Parameter

### 0.6/1KV TPYCY, FA- TPYCY

| Conductor | | | Thick. of insulation | Thick. of bedding | Dia. of steel wire | Thick. of covering | (FA-) TPYCY | | |
|---|---|---|---|---|---|---|---|---|---|
| Size | Const-ruction | O.D | | | | | Nom. overall dia. | Tolerance | Cable Weight |
| mm² | No./mm | mm | mm | mm | mm | mm | mm | mm | kg/km |
| 1.5 | 7/0.53 | 1.59 | 1.0 | 1.2 | 0.3 | 0.9 | 14.5 | 0.6 | 300 |
| 2.5 | 7/0.67 | 2.01 | 1.0 | 1.2 | 0.3 | 0.9 | 15.5 | 0.6 | 355 |
| 4 | 7/0.85 | 2.55 | 1.0 | 1.2 | 0.3 | 1.0 | 16.9 | 0.7 | 440 |
| 6 | 7/1.04 | 3.12 | 1.0 | 1.3 | 0.3 | 1.0 | 18.3 | 0.7 | 535 |
| 10 | 7/1.35 | 4.05 | 1.0 | 1.4 | 0.3 | 1.1 | 20.7 | 0.8 | 725 |
| 16 | 7/1.70 | 5.1 | 1.0 | 1.5 | 0.3 | 1.1 | 23.2 | 0.9 | 970 |
| 25 | 7/2.14 | 6.42 | 1.2 | 1.6 | 0.3 | 1.2 | 27.3 | 1.1 | 1390 |
| 35 | 7/2.52 | 7.56 | 1.2 | 1.7 | 0.3 | 1.3 | 30.2 | 1.2 | 1770 |
| 50 | 19/1.78 | 8.9 | 1.4 | 1.9 | 0.4 | 1.4 | 35.0 | 1.4 | 2420 |
| 70 | 19/2.14 | 10.7 | 1.6 | 2.1 | 0.4 | 1.5 | 41.0 | 1.6 | 3350 |
| 95 | 19/2.52 | 12.6 | 1.6 | 2.2 | 0.4 | 1.6 | 45.5 | 1.7 | 4320 |
| 120 | 37/2.03 | 14.2 | 1.6 | 2.4 | 0.4 | 1.7 | 49.6 | 1.8 | 5250 |
| 150 | 37/2.25 | 15.8 | 1.8 | 2.5 | 0.4 | 1.9 | 54.2 | 1.9 | 6340 |
| 185 | 37/2.52 | 17.6 | 2.0 | 2.7 | 0.4 | 2.0 | 59.7 | 2.0 | 7780 |
| 240 | 61/2.25 | 20.25 | 2.2 | 3.0 | 0.4 | 2.2 | 67.2 | 3.4 | 10376 |