



DATE Apr 4, 2013

NO. SBT-04449

Messrs. _____

SPECIFICATION

FOR

3.3KV EP RUBBER INSULATED AND POLYCHLOROPRENE

SHEATHED FLAT TYPE FLEXIBLE CABLE

(F-3PNCT)

Project : _____

Prepared by

Y.OI

Senior Design Engineer
Design & Engineering Group
Engineering Department
Industrial & Telecommunication Cable Division



Approved by

R.TONEGAWA

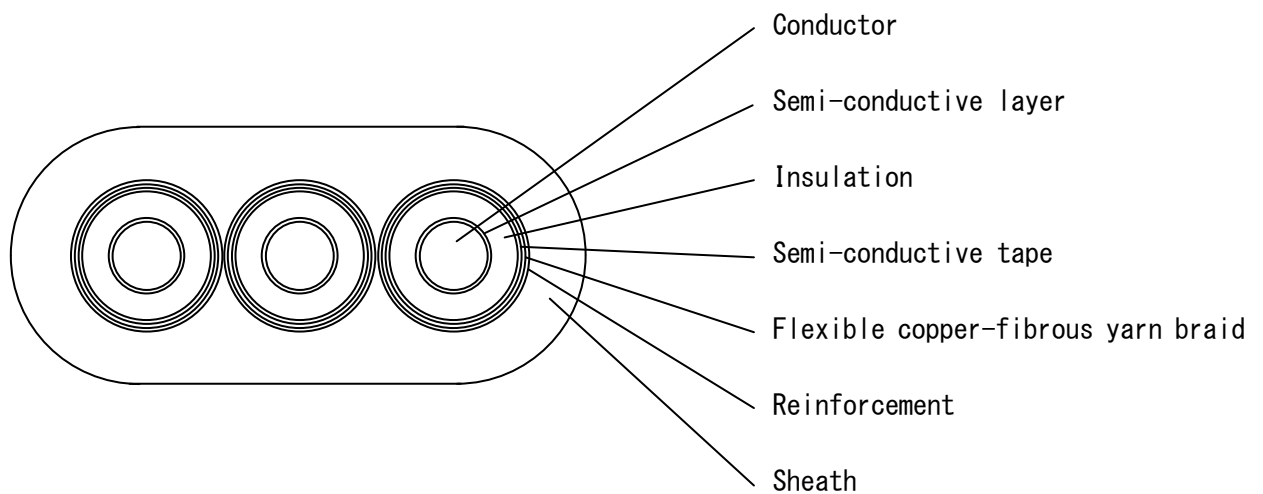
Group Manager
Design & Engineering Group
Engineering Department
Industrial & Telecommunication Cable Division

Fujikura Ltd.

CONSTRUCTION DATA (1)

| | | |
|--|---------------------------|--|
| Type of cable | | F-3PNCT |
| Rated voltage | (kV) | 3.3 |
| Number of core | | 3 |
| Conductor TA | Nominal sectional area | (mm ²) 325 |
| | No. and dia. of wire | (No. /mm) 37/55/0.45 |
| | Approx. dia. of conductor | (mm) 27.0 |
| Thick. of semi-conductive layer | | (mm)  |
| Thick. of insulation | | (mm)  4.0 |
| Approx. thick. of semi-conductive tape | | (mm) 0.4 |
| Flexible copper-fibrous yarn braid (Copper Fibrous yarn | | (7/0.26 Yarn |
| Approx. thick. of reinforcement | | (mm) 0.5 |
| Colour code | | Red, White, Blue |
| Thick. of sheath | | (mm) 7.5 |
| Overall dimension (Height x Width) | Standard | (mm) 50.4 X 122.6 |
| | Maximum | (mm) 52.9 X 128.7 |
| Approx. net weight | | (kg/km) 14660 |
| Testing voltage | | (V/min.) 9000/10 |
| Max. conductor resistance at 20°C | | (Ω/km) 0.0614 |
| Min. insulation resistance at 20°C | | (MΩ-km) 200 |

TA : Tinned annealed copper wire



CONSTRUCTION DATA (2)

| | | | |
|--|---|------------------|------------|
| Type of cable | | F-3PNCT | |
| Rated voltage (kV) | | 3.3 | |
| Number of core | | 3 (Power) | 1 (Earth) |
| Conductor TA | Nominal sectional area (mm ²) | 325 | 100 |
| | No. and dia. of wire (No./mm) | 37/55/0.45 | 19/34/0.45 |
| | Approx. dia. of conductor (mm) | 27.0 | 15.2 |
| Thick. of semi-conductive layer (mm) | | - | |
| Thick. of insulation (mm) | | 4.0 | 2.1 |
| Approx. thick. of semi-conductive tape (mm) | | 0.4 | |
| Flexible copper-fibrous yarn braid (Copper Fibrous yarn) | | 7/0.26 Yarn | - - |
| Approx. thick. of reinforcement (mm) | | 0.5 | 0.5 |
| Colour code | | Red, White, Blue | Green |
| Thick. of sheath (mm) | | 8.2 | |
| Overall dimension (Height x Width) | Standard (mm) | 51.7 X 143.7 | |
| | Maximum (mm) | 54.3 X 150.9 | |
| Approx. net weight (kg/km) | | 17150 | |
| Testing voltage (V/min.) | | 9000/10 | 3000/1 |
| Max. conductor resistance at 20°C (Ω/km) | | 0.0614 | 0.193 |
| Min. insulation resistance at 20°C (MΩ-km) | | 200 | 200 |

TA : Tinned annealed copper wire

