

DATE Mar. 16, 2016NO. SBT-05430AMessrs.

SPECIFICATION

FOR6.6kV EP RUBBER INSULATED AND POLYCHLOROPRENESHEATHED FLAT TYPE FLEXIBLE CABLE(F-3PNCT)Project :

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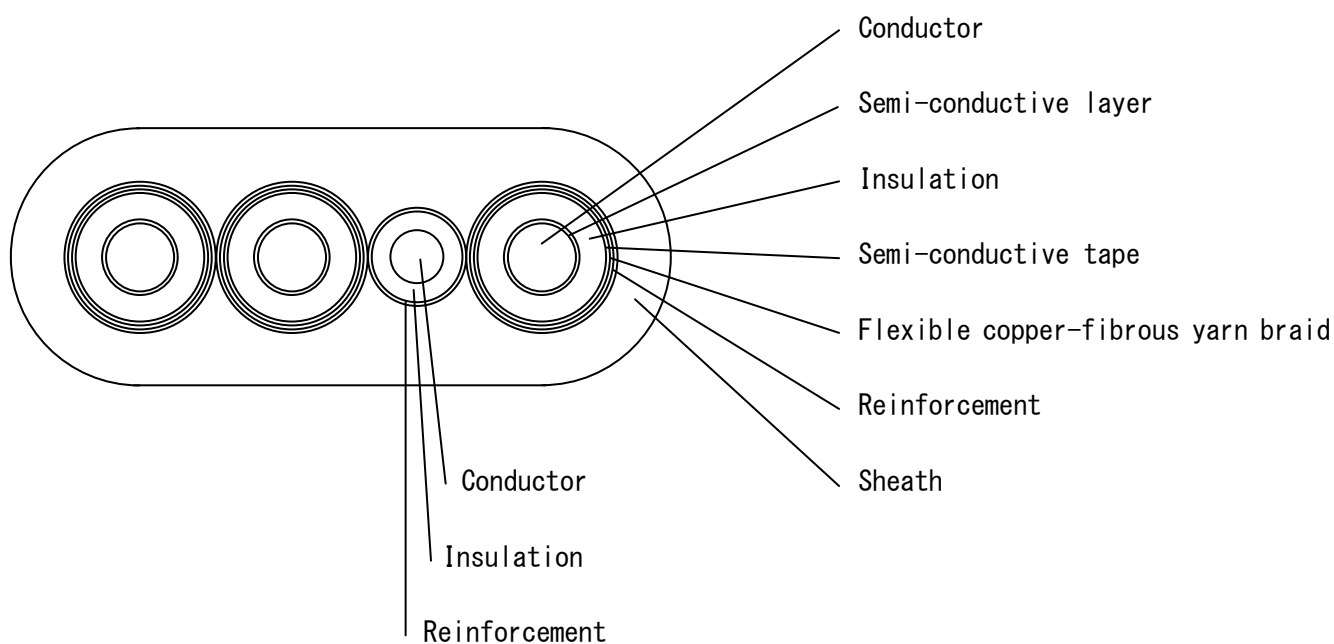
Approved by M. Ohno
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Fujikura Ltd.

CONSTRUCTION DATA (1)

Type of cable		F-3PNCT	
Rated voltage (kV)		6.6	
Number of core		3 (Power)	1 (Earth)
Conductor * TA	Nominal sectional area (mm ²)	95	50
	No. and dia. of wire (No./mm)	19/33/0.44	19/35/0.31
	Approx. dia. of conductor (mm)	14.6	10.6
Thick. of semi-conductive layer (mm)		—	—
Thick. of insulation (mm)		5.0	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)		6.7	
Overall dimension (Height x Width)	Standard (mm)	38.9 X 106.9	
	Maximum (mm)	40.8 X 112.2	
Approx. net weight (kg/km)		8010	
Testing voltage (V/min.)		17000/10	3000/1
Max. conductor resistance at 20°C (Ω/km)		0.21	0.393
Min. insulation resistance at 20°C (MΩ-km)		400	300

* TA : Tinned annealed copper wire



CONSTRUCTION DATA (2)

Type of cable		F-3PNCT	
Rated voltage (kV)		6.6	
Number of core		3 (Power)	1 (Earth)
Conductor * TA	Nominal sectional area (mm ²)	120	50
	No. and dia. of wire (No./mm)	19/43/0.44	19/35/0.31
	Approx. dia. of conductor (mm)	16.7	10.6
Thick. of semi-conductive layer (mm)		—	—
Thick. of insulation (mm)		5.0	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)		7.0	
Overall dimension (Height x Width)	Standard (mm)	41.6 X 113.8	
	Maximum (mm)	43.7 X 119.5	
Approx. net weight (kg/km)		9370	
Testing voltage (V/min.)		17000/10	3000/1
Max. conductor resistance at 20°C (Ω/km)		0.164	0.393
Min. insulation resistance at 20°C (MΩ-km)		400	300

* TA : Tinned annealed copper wire

