

DATE Apr. 27, 2010NO. SBT-03363

Messrs. \_\_\_\_\_

# SPECIFICATION

FOR  
\_\_\_\_\_6.6kV EP RUBBER INSULATED AND POLYCHLOROPRENE  
\_\_\_\_\_

SHEATHED FLAT TYPE FLEXIBLE CABLE

( F-3PNCT )

Project : \_\_\_\_\_

Prepared by

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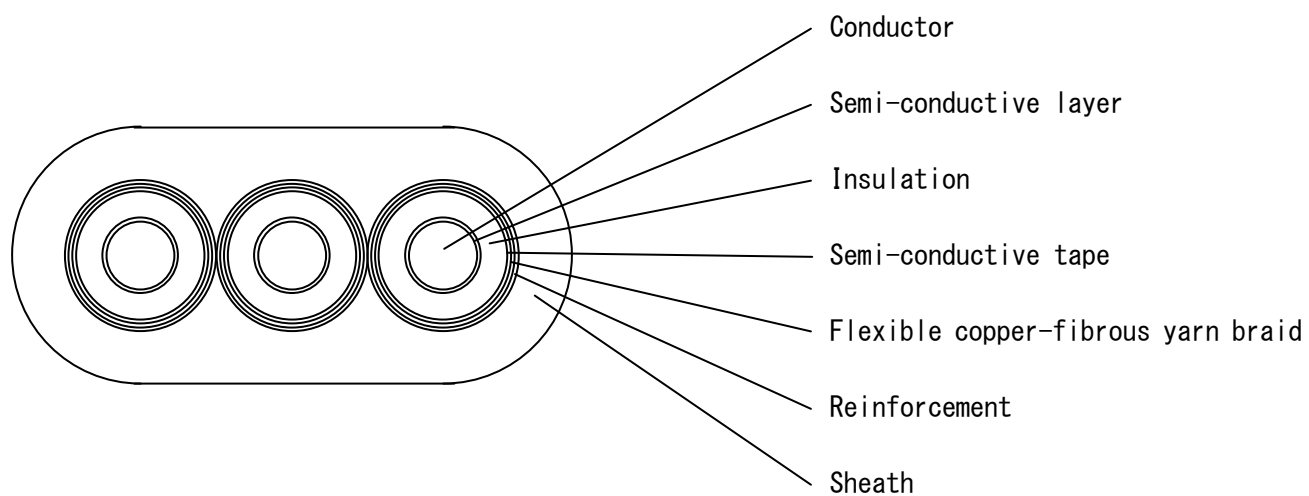
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## Fujikura Ltd.



## CONSTRUCTION DATA (1)

Type of cable		F-3PNCT
Rated voltage	(kV)	6.6
Number of core		3
Conductor * TA	Nominal sectional area	(mm <sup>2</sup> ) 22
	No. and dia. of wire	(No. /mm) 7/20/0.45
	Approx. dia. of conductor	(mm) 7.0
Thick. of semi-conductive layer		(mm) □
Thick. of insulation		(mm) □ 5.0
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) 5.2
Overall dimension (Height x Width)	Standard	(mm) 28.3 X 65.1
	Maximum	(mm) 29.7 X 68.4
Approx. net weight		(kg/km) 2950
Testing voltage		(V/10 min.) 17000
Max. conductor resistance at 20°C		(Ω/km) 0.892
Min. insulation resistance at 20°C		(MΩ-km) 500

\* TA : Tinned annealed copper wire



## CONSTRUCTION DATA (2)

Type of cable		F-3PNCT
Rated voltage	(kV)	6.6
Number of core		4
Conductor * TA	Nominal sectional area	(mm <sup>2</sup> ) 22
	No. and dia. of wire	(No. /mm) 7/20/0.45
	Approx. dia. of conductor	(mm) 7.0
Thick. of semi-conductive layer		(mm) 
Thick. of insulation		(mm)  5.0
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, Green
Thick. of sheath		(mm) 5.8
Overall dimension (Height x Width)	Standard	(mm) 29.4 X 84.6
	Maximum	(mm) 30.9 X 88.8
Approx. net weight		(kg/km) 4060
Testing voltage		(V/10 min.) 17000
Max. conductor resistance at 20°C		(Ω/km) 0.892
Min. insulation resistance at 20°C		(MΩ-km) 500

\* TA : Tinned annealed copper wire

