



DATE Mar. 25, 2011

NO. SBT-03716

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

# SPECIFICATION

FOR

3.3KV EP RUBBER INSULATED AND POLYCHLOROPRENE

SHEATHED FLAT TYPE FLEXIBLE CABLE

( F-3PNCT )

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

*T. Fujita*

Prepared by

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
Approved by

R.TONEGAWA

Group Manager  
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## Fujikura Ltd.

## CONSTRUCTION DATA

Type of cable		F-3PNCT	
Rated voltage (kV)		3.3	
Number of core		3 (Power)	1 (Earth)
Conductor * TA	Nominal sectional area (mm <sup>2</sup> )	70	70
	No. and dia. of wire (No./mm)	19/19/0.5	19/19/0.5
	Approx. dia. of conductor (mm)	12.6	12.6
Thick. of semi-conductive layer (mm)			-
Thick. of insulation (mm)			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)		6.1	
Overall dimension (Height x Width)	Standard (mm)	33.0 X 93.4	
	Maximum (mm)	34.7 X 98.1	
Approx. net weight (kg/km)		6190	
Testing voltage (V/min.)		9000/10	3000/1
Max. conductor resistance at 20°C (Ω/km)		0.277	0.277
Min. insulation resistance at 20°C (MΩ-km)		400	300

\* TA : Tinned annealed copper wire

