



DATE Oct. 22, 2013

NO. SBT-04603

Messrs.

SPECIFICATION

FOR

0.6/1kV EP RUBBER INSULATED AND POLYCHLOROPRENE

SHEATHED FLEXIBLE CABLE

(3PNCT-B)

Project :

Prepared by Y. Oi

Senior Design Engineer
Domestic Power & Telecommunication
Cable System Department
Power & Telecommunication
System Strategy & Sales Engineering Division
Power & Telecommunication Systems Company

Approved by N. Ishii

Group Manager
Domestic Power & Telecommunication
Cable System Department
Power & Telecommunication
System Strategy & Sales Engineering Division
Power & Telecommunication Systems Company

Fujikura Ltd.

CONSTRUCTION DATA

Type of cable		3PNCT-B	
Number of core		3	3
Conductor	Nominal sectional area (mm ²)	300	50
	No. and dia. of wire (No./mm)	37/41/0.5	19/22/0.4
	Approx. dia. of conductor (mm)	25.9	10.9
Thick. of insulation (mm)		3.3	2.1
Colour code		Black, White, Red	Green×3
Thick. of inner sheath (mm)		2.8	
Approx. thick. of reinforcement (mm)		1.0	
Thick. of outer sheath (mm)		4.1	
Overall dia.	Standard (mm)	85.2	
	Maximum (mm)	89.5	
Approx. net weight (kg/km)		15390	
Testing voltage (V/1 min.)		3000	3000
Max. conductor resistance at 20°C (Ω/km)		0.0674	0.405
Min. insulation resistance at 20°C (MΩ-km)		200	300

TA : Tinned annealed copper wire

