



Date Oct. 27, 2008

No. SBT-01228A

Messrs. _____

SPECIFICATION

FOR

600V EP RUBBER INSULATED AND POLYCHLOROPRENE
SHEATHED FLAT TYPE FLEXIBLE CABLE
(F-3PNCT-S)

Prepared by Y.Oi
Y.OI
Senior Design Engineer
Design & Engineering Group
Engineering Department
Industrial & Telecommunication Cable Division

Approved by R.Tonegawa
R.TONEGAWA
Group Manager
Design & Engineering Group
Engineering Department
Industrial & Telecommunication Cable Division

Fujikura Ltd.

CONSTRUCTION DATA

Type of cable		F-3PNCT-S
Rated voltage (V)		600
Number of core		24 (6 cores x 4 units)
Conductor	Nominal sectional area (mm ²)	3.5
	No. and dia. of wire (No./mm)	3/0.3 SUS [65/0.26 TA
	Approx. dia. of conductor (mm)	2.5
Earth drain wire	No. and dia. of wire (No./pair)	4/1×2×1.25
Thick. of insulation (mm)		1.2
Thick. of semi-conductive compound (mm)		0.4
Colour code	Core	White X 4, Red, Blue
	Cabling element	Black, White, Red, Green
Thick. of inner sheath (mm)		1.5
Approx. thick. of canvas (mm)		0.5
Thick. of sheath (mm)		4.2
Overall dimension (Height X Width)	Standard (mm)	29.1 X 92.4
	Maximum (mm)	30.6 X 97.0
Approx. net weight (kg/km)		4350
Testing voltage (V/1min.)		3000
Max. conductor resistance at 20°C (Ω/km)		6.09
Min. insulation resistance at 20°C (MΩ-km)		500

Note SUS : Stainless steel wire
TA : Tinned annealed copper wire

