

DATE May 10, 2010NO. SBT-03377**Messrs.**

SPECIFICATION

FOR
_____6.6KV EP RUBBER INSULATED AND POLYCHLOROPRENE

SHEATHED FLAT TYPE FLEXIBLE CABLE

(F-3PNCT)

Project :

Prepared by

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CONSTRUCTION DATA

Type of cable		F-3PNCT	
Rated voltage (kV)		6.6	
Number of core		3 (Power)	1 (Earth)
Conductor * TA	Nominal sectional area (mm ²)	22	8
	No. and dia. of wire (No. /mm)	7/20/0.45	50/0.45
	Approx. dia. of conductor (mm)	7.0	3.7
Thick. of semi-conductive layer (mm)		—	—
Thick. of insulation (mm)		5.0	1.2
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)		5.4	
Overall dimension (Height x Width)	Standard (mm)	28.7 X 72.4	
	Maximum (mm)	30.1 X 76.0	
Approx. net weight (kg/km)		3350	
Testing voltage (V/min.)		17000/10	3000/1
Max. conductor resistance at 20°C (Ω/km)		0.892	2.45
Min. insulation resistance at 20°C (MΩ-km)		500	400

* TA : Tinned annealed copper wire

