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No. SBT-02786

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

# SPECIFICATION

FOR

3.3KV EP RUBBER INSULATED AND POLYCHLOROPRENE  
SHEATHED FLAT TYPE FLEXIBLE CABLE  
( F-3PNCT )

Prepared by

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## 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> )	240	120
	No. and dia. of wire (No./mm)	37/33/0.5	19/32/0.5
	Approx. dia. of conductor (mm)	23.3	16.4
Thick. of semi-conductive layer (mm)		—	—
Thick. of insulation (mm)		4.0	2.7
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)		7.9	
Overall dimension (Height x Width)	Standard (mm)	48.0 X 136.5	
	Maximum (mm)	50.4 X 143.3	
Approx. net weight (kg/km)		14700	
Testing voltage (V/min.)		9000/10	3000/1
Max. conductor resistance at 20°C (Ω/km)		0.0817	0.164
Min. insulation resistance at 20°C (MΩ-km)		300	300

\* TA : Tinned annealed copper wire

