



DATE Mar. 29, 2010

NO. SBT-03330

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

# SPECIFICATION

FOR

600V EP RUBBER INSULATED AND POLYCHLOROPRENE

SHEATHED FLEXIBLE CABLE

( 2PNCT-B-S )

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

Prepared by

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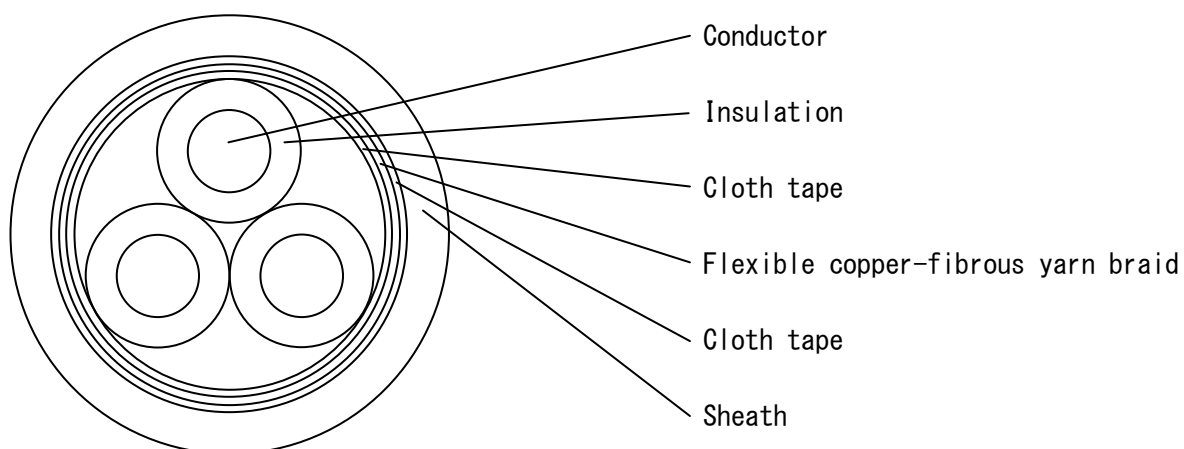
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## Fujikura Ltd.

## CONSTRUCTION DATA (1)

Type of cable		2PNCT-B-S (Overall shield)
No. of core		3
Conductor * TA	Nominal sectional area (mm <sup>2</sup> )	25
	No. and dia. of wire (No./mm)	7/29/0.4
	Approx. dia. of conductor (mm)	7.5
Thick. of insulation (mm)		1.2
Colour code		Black, White, Red
Approx. thick. of cloth tape (mm)		0.3
Flexible copper fibrous yarn braid (Copper Fibrous yarn)		(7/0.26 Yarn)
Approx. thick. of cloth tape (mm)		0.3
Thick. of sheath (mm)		2.9
Overall dia.	Standard (mm)	29.8
	Maximum (mm)	31.3
Approx. net weight (kg/km)		1440
Testing voltage (V/1min.)		3000
Max. conductor resistance at 20°C (Ω/km)		0.819
Min. insulation resistance at 20°C (MΩ-km)		300

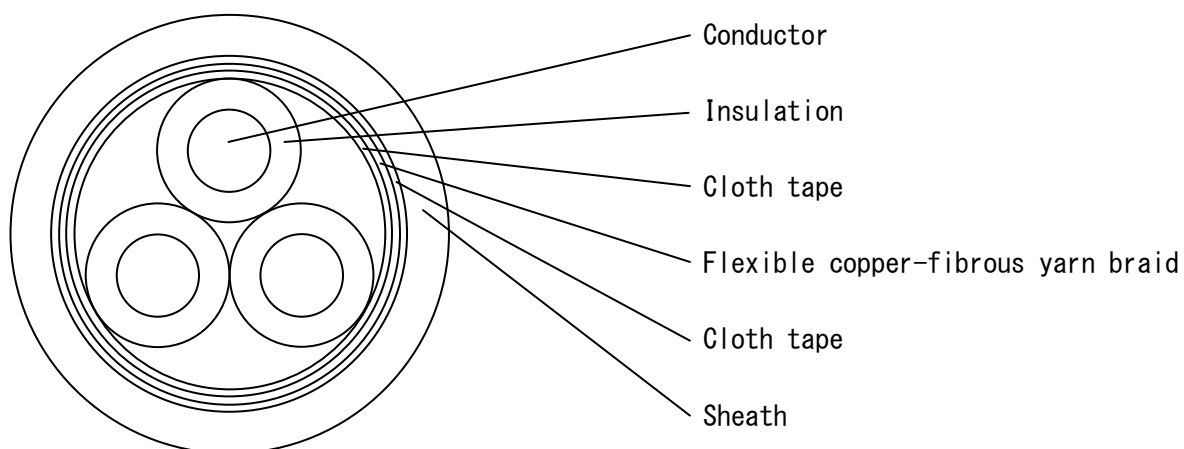
\* TA : Tinned annealed copper wire



## CONSTRUCTION DATA (2)

Type of cable		2PNCT-B-S (Overall shield)
No. of core		3
Conductor * TA	Nominal sectional area (mm <sup>2</sup> )	50
	No. and dia. of wire (No./mm)	19/22/0.4
	Approx. dia. of conductor (mm)	10.9
Thick. of insulation (mm)		1.5
Colour code		Black, White, Red
Approx. thick. of cloth tape (mm)		0.3
Flexible copper fibrous yarn braid (Copper Fibrous yarn)		(7/0.26 Yarn)
Approx. thick. of cloth tape (mm)		0.3
Thick. of sheath (mm)		3.5
Overall dia.	Standard (mm)	39.5
	Maximum (mm)	41.5
Approx. net weight (kg/km)		2650
Testing voltage (V/1 min.)		3000
Max. conductor resistance at 20°C (Ω/km)		0.405
Min. insulation resistance at 20°C (MΩ-km)		200

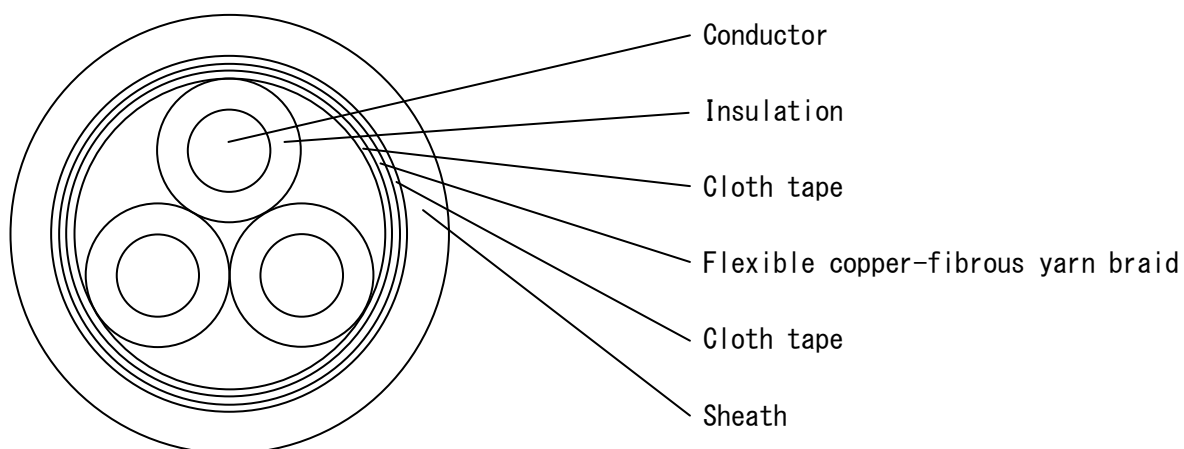
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## CONSTRUCTION DATA (3)

Type of cable		2PNCT-B-S (Overall shield)
No. of core		3
Conductor * TA	Nominal sectional area (mm <sup>2</sup> )	120
	No. and dia. of wire (No./mm)	19/32/0.5
	Approx. dia. of conductor (mm)	16.4
Thick. of insulation (mm)		2.0
Colour code		Black, White, Red
Approx. thick. of cloth tape (mm)		0.3
Flexible copper fibrous yarn braid (Copper Fibrous yarn)		(7/0.26 Yarn)
Approx. thick. of cloth tape (mm)		0.3
Thick. of sheath (mm)		4.4
Overall dia.	Standard (mm)	55.3
	Maximum (mm)	58.1
Approx. net weight (kg/km)		5510
Testing voltage (V/1 min.)		3000
Max. conductor resistance at 20°C (Ω/km)		0.169
Min. insulation resistance at 20°C (MΩ-km)		200

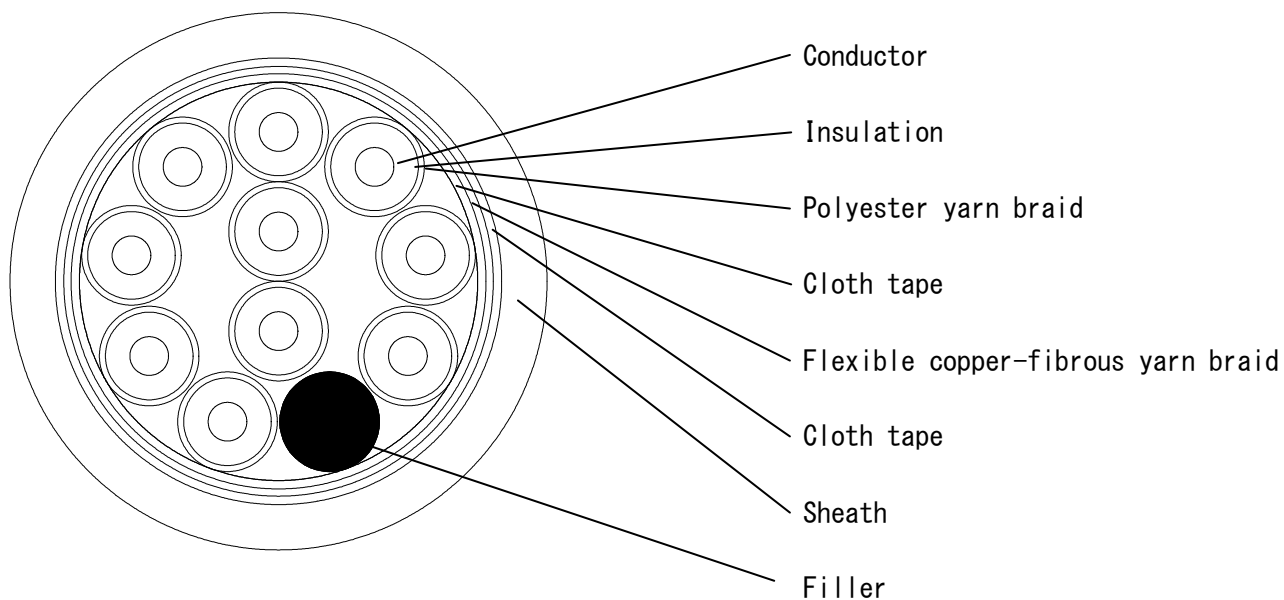
\* TA : Tinned annealed copper wire



## CONSTRUCTION DATA (4)

Type of cable		2PNCT-B-S (Overall shield)
No. of core		10
Conductor * TA	Nominal sectional area (mm <sup>2</sup> )	2.5
	No. and dia. of wire (No./mm)	49/0.25
	Approx. dia. of conductor (mm)	2.0
Thick. of insulation (mm)		0.8
Approx. thick. of polyester yarn braid (mm)		0.15
Colour code		1st : White, Black 2nd : White X 6, Black, Red
Approx. thick. of cloth tape (mm)		0.3
Flexible copper-fibrous yarn braid (Copper Fibrous yarn)		(7/0.2 Yarn)
Approx. thick. of cloth tape (mm)		0.3
Thick. of sheath (mm)		2.5
Overall dia.	Standard (mm)	22.8
	Maximum (mm)	23.9
Approx. net weight (kg/km)		665
Testing voltage (V/1 min.)		3000
Max. conductor resistance at 20°C (Ω/km)		8.46
Min. insulation resistance at 20°C (MΩ-km)		500

\* TA : Tinned annealed copper wire



## CONSTRUCTION DATA (5)

Type of cable		2PNCT-B-S (Overall shield)
No. of core		30
Conductor * TA	Nominal sectional area (mm <sup>2</sup> )	2.5
	No. and dia. of wire (No./mm)	49/0.25
	Approx. dia. of conductor (mm)	2.0
Thick. of insulation (mm)		0.8
Approx. thick. of polyester yarn braid (mm)		0.15
Colour code		1st : White×2, Black, Red 2nd : White×8, Black, Red 3rd : White×14, Black, Red
Approx. thick. of cloth tape (mm)		0.3
Flexible copper-fibrous yarn braid (Copper Fibrous yarn)		7/0.26 Yarn
Approx. thick. of cloth tape (mm)		0.3
Thick. of sheath (mm)		3.2
Overall dia.	Standard (mm)	34.0
	Maximum (mm)	35.7
Approx. net weight (kg/km)		1590
Testing voltage (V/1 min.)		3000
Max. conductor resistance at 20°C (Ω/km)		8.46
Min. insulation resistance at 20°C (MΩ-km)		500

\* TA : Tinned annealed copper wire

