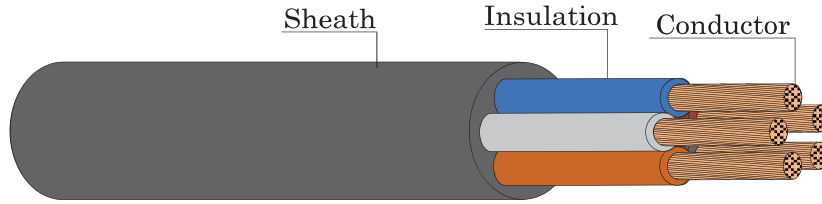


300/300 V 90°C FLEXIBLE CONDUCTOR PVC INSULATED AND SHEATH, ROUND TYPE

TIS 11 Part 5-2553



CABLE STRUCTURE

- Conductor** : Flexible annealed copper
: Sizes 0.5 mm² up to 0.75 mm²
- Insulation** : Polyvinyl chloride (PVC/E)
- Core identification**
 - 2 Cores : Blue and Brown
 - 3 Cores : Brown, Black, Grey
or Blue, Brown and Green/Yellow
- Sheath** : Black polyvinyl chloride (PVC/ST10)

TECHNICAL DATA

- Classification** : Maximum conductor temperature 90°C
: Circuit voltage not exceeding 300/300 Volts
- Rated voltage** : 300 Volts between Line to Earth
: 300 Volts between Line to Line
- Testing voltage** : 2,000 Volts
- Reference standard** : TIS 11 Part 5-2553 Table 11

APPLICATION

For household appliances, electrical equipment and electrical illumination.

B

Number of cores	Nominal cross sectional area (mm ²)	Conductor type	Insulation thickness nominal (mm)	Outer sheath thickness nominal (mm)	Overall diameter		Conductor resistance at 20°C maximum (Ω/km)	Insulation resistance at 90°C minimum (MΩ-km)	Continuous current rating in free air at 40°C maximum (A)	Cable weight approx. (kg/km)	Standard Length (m)
					Minimum (mm)	Maximum (mm)					
2	0.5	Flexible	0.5	0.6	4.6	5.9	39.0	0.012	3	38	100/C
	0.75	Flexible	0.5	0.6	4.9	6.3	26.0	0.010	6	46	100/C
3	0.5	Flexible	0.5	0.6	4.9	6.3	39.0	0.012	3	44	100/C
	0.75	Flexible	0.5	0.6	5.2	6.7	26.0	0.010	6	55	100/C

C = Packing in coil