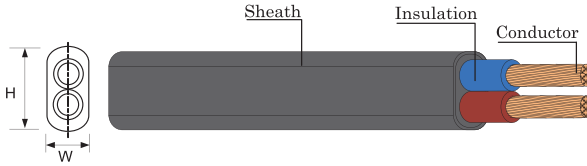


**300/300 V 70°C FLEXIBLE CONDUCTOR PVC INSULATED AND SHEATH, FLAT TYPE**


**TIS 11 Part 5-2553**
**CABLE STRUCTURE**

<b>Conductor</b>	: Flexible annealed copper : Sizes 0.5 mm <sup>2</sup> up to 0.75 mm <sup>2</sup>
<b>Insulation</b>	: Polyvinyl chloride (PVC/D)
<b>Core identification</b>	2 Cores : Blue and Brown
<b>Sheath</b>	: Black polyvinyl chloride (PVC/ST5)

**TECHNICAL DATA**

<b>Classification</b>	: Maximum conductor temperature 70°C : Circuit voltage not exceeding 300/300 volts
<b>Rated voltage</b>	: 300 Volts between Line to Earth : 300 Volts between Line to Line
<b>Testing voltage</b>	: 2,000 Volts
<b>Reference standard</b>	: TIS 11 Part 5-2553 Table 7

**APPLICATION**

For household appliances, electrical equipment and electrical illumination.

Number of cores	Nominal cross sectional area (mm <sup>2</sup> )	Conductor type	Insulation thickness nominal (mm)	Outer sheath thickness nominal (mm)	Overall diameter		Conductor resistance at 20°C maximum (Ω/km)	Insulation resistance at 70°C minimum (MΩ·km)	Continuous current rating in free air at 40°C maximum (A)	Cable weight approx. (kg/km)	Standard Length (m)
					W x H Minimum (mm)	W x H Maximum (mm)					
2	0.5	Flexible	0.5	0.6	3.0 x 4.9	3.7 x 5.9	39.0	0.012	3	28	100/C
	0.75	Flexible	0.5	0.6	3.2 x 5.2	3.8 x 6.3	26.0	0.010	6	35	100/C

C = Packing in coil