

60227 IEC 05 IV


TIS 11 Part 3-2553
300/500 V 70°C SOLID CONDUCTOR PVC INSULATED, SINGLE CORE


CABLE STRUCTURE	TECHNICAL DATA
<p>Conductor : Solid annealed copper, Size 0.5 mm² up to 1 mm²</p> <p>Insulation : Polyvinyl chloride (PVC/C)</p> <p>Core identification Single core : Any color</p>	<p>Classification : Maximum conductor temperature 70°C : Circuit voltage not exceeding 300/500 Volts 300 Volts between Line-to-Earth 500 Volts between Line-to-Line</p> <p>Testing voltage : 2,000 Volts Reference standard : TIS 11 Part 3-2553, Table 5</p>
APPLICATION	
Building wiring for installation on insulator or in raceway, dry location.	

Nominal cross sectional area (mm ²)	Class of Conductor	Insulation 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 maximum (A)	Cable weight approx. (kg/km)	Standard length (m)
			Minimum (mm)	Maximum (mm)					
0.5	1	0.6	1.9	2.3	36.0	0.015	11	8.8	100/C
0.75	1	0.6	2.1	2.5	24.5	0.012	14	12.0	100/C
1	1	0.6	2.2	2.7	18.1	0.011	16	14.0	100/C

Class of conductor 1 : Solid

C : Packing in coil