

# 60227 IEC 06 IV ( f )

 TIS 11 Part 3-2553

300/500 V 70°C FLEXIBLE CONDUCTOR PVC INSULATED, SINGLE CORE



CABLE STRUCTURE		TECHNICAL DATA	
<b>Conductor</b>	: Flexible annealed copper wire Size 0.5 mm <sup>2</sup> up to 1 mm <sup>2</sup>	<b>Classification</b>	: Maximum conductor temperature 70°C : Circuit voltage not exceeding 300/500 Volts 300 Volts between Line-to-Earth 500 Volts between Line-to-Line
<b>Insulation</b>	: Polyvinyl chloride (PVC/C)	<b>Testing voltage</b>	: 2,000 Volts
<b>Core identification</b>	Single-core : Any color	<b>Reference standard</b>	: TIS 11 Part 3-2553, Table 7
<b>APPLICATION</b>			
For indoor fixed installations in dry locations, for electrical panels connection or for electrical apparatus			

Nominal cross sectional area (mm <sup>2</sup> )	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	5	0.6	2.1	2.5	39.0	0.013	11	9	100/C
0.75	5	0.6	2.2	2.7	26.0	0.011	14	12	100/C
1	5	0.6	2.4	2.8	19.5	0.010	16	15	100/C

Class of conductor 5 : Flexible

C : Packing in coil