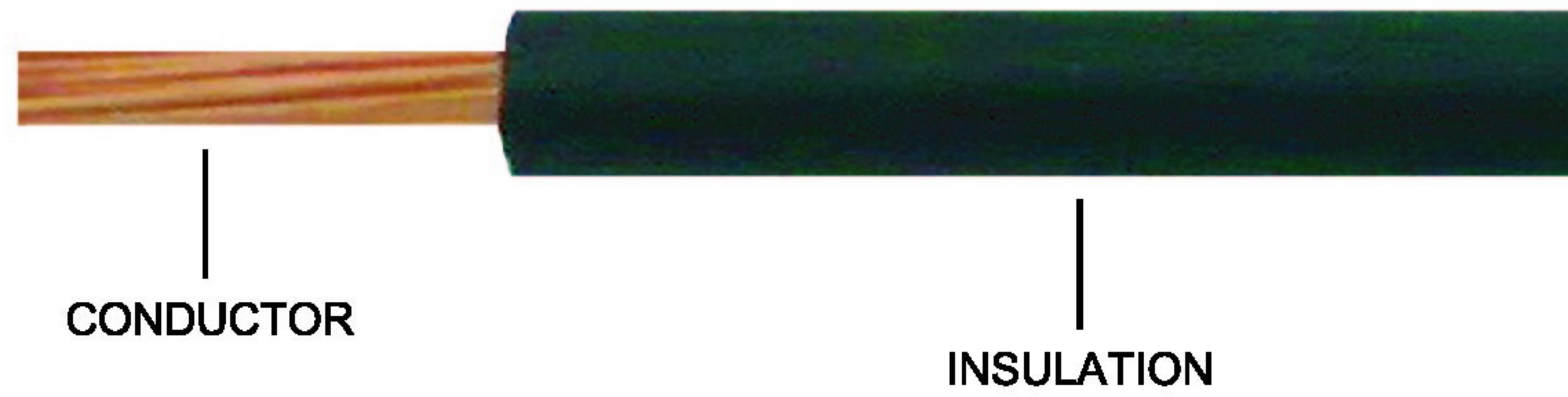


60227 IEC 06 IV (f)


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

CABLE STRUCTURE
TECHNICAL DATA

Conductor : Flexible annealed copper wire
Size 0.5 mm² up to 1 mm²

Insulation : Polyvinyl chloride (PVC/C)

Core identification
Single-core : Any color

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

Testing voltage : 2,000 Volts

Reference standard : TIS 11 Part 3-2553, Table 7

APPLICATION

For indoor fixed installations in dry locations, for electrical panels connection or for electrical apparatus

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	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