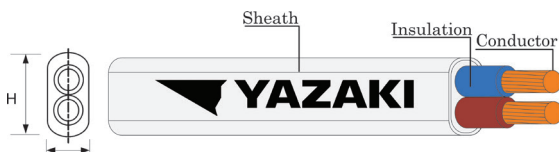


300/500 V 70°C SOLID AND STRANDED CONDUCTOR PVC INSULATED AND SHEATH, FLAT TYPE



TIS 11 Part 101-2559

CABLE STRUCTURE

Conductor	: Solid and stranded annealed copper wire
Insulation	: Polyvinyl chloride (PVC/C)
Core identification	: Blue, Brown
Sheath	: White polyvinyl chloride (PVC/ST4)

TECHNICAL DATA

Classification	: Maximum conductor temperature 70°C : Circuit voltage not exceeding 300/500 Volts
Rated voltage	: 300 Volts between Line to Earth : 500 Volts between Line to Line
AC Testing voltage	: 2,000 volts
Reference standard	: TIS 11 Part 101-2559 Table 1

APPLICATION

For household appliances, electrical equipment and electrical illumination.

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 70°C minimum (MΩ·km)	Continuous current rating in free air 40°C maximum (A)	Cable weight approx. (kg/km)	Standard Length (m)
					W x H minimum (mm)	W x H maximum (mm)					
2	1	Solid	0.6	0.9	4.0 x 6.2	4.7 x 7.4	18.1	0.0110	14	50	100/C
	1.5	Solid	0.7	0.9	4.4 x 7.0	5.4 x 8.4	12.1	0.0110	17	70	100/C
	2.5	Solid	0.8	1.0	5.2 x 8.4	6.2 x 9.8	7.41	0.0100	23	100	100/C
	4	Standard	0.8	1.1	5.6 x 9.6	7.2 x 11.5	4.61	0.0077	32	150	100/C
	6	Standard	0.8	1.1	6.4 x 10.5	8.0 x 13.0	3.08	0.0065	41	200	100/C
	10	Standard	1.0	1.2	7.8 x 13.0	9.6 x 16.0	1.83	0.0065	56	310	100/C
	16	Standard	1.0	1.3	9.0 x 15.5	11.0 x 18.5	1.15	0.0052	74	450	100/C

C = Packing in Coil