



APPLICATION

- Use for general purpose
- laid on cable trays/Cable ladder
- Install in duct in ground or direct burial in ground

TESTING VOLTAGE : 2,500 Volts

REFERENCE STANDARD :

TIS 11-2553 PART 101, TABLE 4

CABLE STRUCTURE

CONDUCTOR : Annealed Stranded Copper
CLASS 2 Size 50 - 300 mm²

INSULATION : Polyvinyl chloride type PVC/C
INNER SHEATHED :

Polyvinyl chloride type PVC/ST4

OUTER SHEATHED :

Polyvinyl chloride type PVC/ST4

CLASSIFICATION

Maximum Conductor Temperature : 70°C

Circuit Voltage does not exceed

450/750 Volts (U₀/U)

450 Volts between Line to Earth (U₀)

750 Volts between Line to Line (U)

Technical Data

TIS 11-2553 PART 101, TABLE 4

Nominal cross sectional area	Conductor type	Number of wires	Diameter (approx.)	Nominal insulation thickness	Nominal inner sheathed thickness	Nominal outer sheathed thickness	Overall diameter (approx.)	Maximum conductor resistance at 20°C	Minimum insulation resistance at 70°C	Current rating		Cable weight (approx.)	Standard packing
										on cable ladder	direct burial in ground		
mm ²	Class	No.	mm	mm	mm	mm	mm	Ω/km	MΩ-km	A	A	kg/km	m
50	2	19	8.80	1.5	1.5	2.2	36.0	0.387	0.0046	133	181	2,410	500/D
70	2	19	10.55	1.5	1.5	2.2	40.5	0.268	0.0039	171	223	3,200	500/D
95	2	19	12.45	1.7	1.5	2.4	46.0	0.193	0.0038	207	267	4,300	500/D
120	2	37	14.00	1.7	1.8	2.6	50.5	0.153	0.0034	240	304	5,320	500/D
150	2	37	15.54	1.9	1.8	2.8	56.0	0.124	0.0034	278	342	6,490	500/D
185	2	37	17.43	2.1	2.0	3.0	61.5	0.0991	0.0034	317	386	8,060	300/D
240	2	61	19.98	2.3	2.0	3.2	69.0	0.0754	0.0033	374	448	10,360	300/D
300	2	61	22.41	2.5	2.2	3.4	76.0	0.0601	0.0032	432	507	12,810	200/D

Conductor Class 2 : Stranded
D : Packing in drum

Core Color : Brown, Black, Grey

การใช้งาน

- ใช้งานทั่วไป
- วางบนรางเคเบิล
- รอยทอฝังดินหรือฝังดินโดยตรง