



### 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 mm<sup>2</sup>

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 (U<sub>0</sub>/U)

450 Volts between Line to Earth (U<sub>0</sub>)

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 <sup>2</sup>	Class	No.	mm	mm	mm	mm	mm	Ω/km	MΩ-km	A	A	kg/km	m
50	2	19	8.80	1.5	1.2	2.2	33.5	0.387	0.0046	133	181	1,800	500/D
70	2	19	10.55	1.5	1.5	2.2	38.0	0.268	0.0039	171	223	2,400	500/D
95	2	19	12.45	1.7	1.5	2.2	42.5	0.193	0.0038	207	267	3,200	500/D
120	2	37	14.00	1.7	1.5	2.4	46.5	0.153	0.0034	240	304	3,900	500/D
150	2	37	15.54	1.9	1.8	2.6	52.0	0.124	0.0034	278	342	4,800	500/D
185	2	37	17.43	2.1	1.8	2.8	57.0	0.0991	0.0034	317	386	6,000	500/D
240	2	61	19.98	2.3	2.0	3.0	64.0	0.0754	0.0033	374	448	7,500	300/D
300	2	61	22.41	2.5	2.0	3.2	70.5	0.0601	0.0032	432	507	9,500	300/D

Conductor Class 2 : Stranded  
D : Packing in drum

Core Color : Blue, Brown

การใช้งาน

- ใช้งานทั่วไป
- วางบนรางเคเบิล
- รอยต่อฝังดินหรือฝังดินโดยตรง