
VV, MEA TYPE B

750 V 70 °C PVC INSULATED AND SHEATHED ROUND TYPE, SINGLE CORE



CABLE STRUCTURE

CONDUCTOR	:	Solid and stranded annealed copper, sizes 1 mm ² up to 35 mm ²
INSULATION	:	PVC Color : Light gray
SHEATH	:	PVC Color: White
CLASSIFICATION	:	Maximum conductor temperature 70 °C Circuit voltage not exceeding 750 Volts
TESTING VOLTAGE	:	2,500 volts
REFERENCE	:	TIS 11-2531, Table 5



VV, MEA TYPE B SINGLE CORE

TIS11-2531
TABLE 5

Number of core	Nominal cross section area (mm ²)	Number and diameter of wire (No./mm)	Insulation thickness (mm)	Sheath thickness (mm)	Max overall diameter (mm)	Minimum insulation resistance at 70 °C (MΩ-Km)	Maximum continuous current rating in free air (Ampere)	Cable weight (approx.) (Kg/Km)	Standard length (m)
1	1	1 / 1.13	0.6	1.0	5.4	0.0141	15	35	500/D
	1	7 / 0.43	0.8	1.0	5.6	0.0135	15	36	500/D
	1.5	1 / 1.38	0.8	1.0	5.8	0.0123	20	41	500/D
	1.5	7 / 0.53	0.8	1.0	6.0	0.0126	20	43	500/D
	2.5	1 / 1.78	0.8	1.2	6.6	0.0102	27	55	500/D
	2.5	7 / 0.67	0.8	1.2	7.0	0.0093	27	60	500/D
	4	1 / 2.25	0.9	1.2	7.4	0.0094	36	80	500/D
	4	7 / 0.85	0.9	1.2	7.8	0.0085	36	80	500/D
	6	7 / 1.04	0.9	1.4	8.8	0.0073	47	110	500/D
	10	7 / 1.35	1.1	1.4	10.5	0.0069	66	170	500/D
	16	7 / 1.70	1.1	1.5	11.5	0.0057	88	240	500/D
	25	7 / 2.14	1.3	1.5	13.5	0.0054	118	360	500/D
	35	19 / 1.53	1.3	1.6	15.0	0.0047	145	470	500/D

D: Packing in drum.

