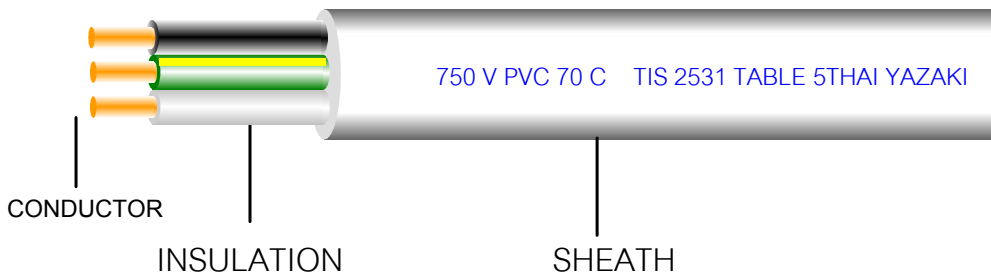

VVF-GRD, MEA TYE B-GRD

750 V 70 °C PVC INSULATED AND SHEATHED FLAT TYPE, WITH GROUND



CABLE STRUCTURE

NUMBER OF CORE CONDUCTOR	: 2 cores with safety-ground : Solid and stranded annealed copper, : Sizes 1 mm ² up to 35 mm ²
GROUND WIRE INSULATION	: Ground conductor size 1 mm ² up to 10 mm ² : PVC : Color : Light grey, Black : Ground core-Green/Yellow
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 13



VVF-GRD

TIS 11-2531
TABLE 13

Nominal cross sectional area (mm ²)	Number and diameter of wire (No./mm)	Insulation thickness (mm)	Nominal cross sectional area of ground conductor (mm ²)	Ground insulation thickness (mm)	Sheath thickness (mm)	Overall diameter (mm) Approx.		Minimum insulation resistance at 70 °C (MΩ-Km)	Maximum continuous current rating in free air (Ampere)	Cable weight (approx.) (Kg/Km)	Standard length (m)
						Lower limit	Upper limit				
1	7/ 1.13	0.8	1	0.6	1.4	5.2X10.0	6.4X12.0	0.0141	12	100	100/C
1	1/ 0.43	0.8	1	0.6	1.4	5.4X10.0	6.6X12.5	0.0135	12	110	100/C
1.5	1/ 1.38	0.8	1	0.6	1.4	5.6X10.5	6.6X12.5	0.0123	15	110	100/C
1.5	7/ 0.53	0.8	1	0.6	1.4	5.6X11.0	7.0X13.0	0.0116	15	120	100/C
2.5	1/ 1.78	0.8	1.5	0.6	1.4	5.8X11.5	7.2X14.0	0.0102	20	150	100/C
2.5	7/ 0.67	0.8	1.5	0.6	1.4	6.2X12.0	7.4X14.5	0.0093	20	160	100/C
4	1/ 2.25	0.9	2.5	0.6	1.4	6.6X13.0	7.8X15.5	0.0094	27	200	100/C
4	7/ 0.85	0.9	2.5	0.6	1.4	6.2X13.0	8.2X16.5	0.0085	27	220	100/C
6	7/ 1.04	0.9	4	0.6	1.4	6.8X14.0	8.8X18.5	0.0073	36	290	100/C
10	7/ 1.35	1.1	4	0.6	1.5	8.8X18.5	10.5X21.5	0.0069	50	420	100/C
16	7/ 1.70	1.1	6	0.6	1.5	9.8X21.0	11.5X24.5	0.0057	66	600	100/C
25	7/ 2.14	1.3	6	0.6	1.6	11.5X24.5	13.5X28.0	0.0054	89	850	500/D
35	19/ 1.53	1.3	10	0.6	1.7	13.0X28.0	13.0X32.0	0.0047	109	1,100	500/D

TISI Permitted to increase the maximum overall diameter by 5 %

C: Packing in coil.

D: Packing in drum.

