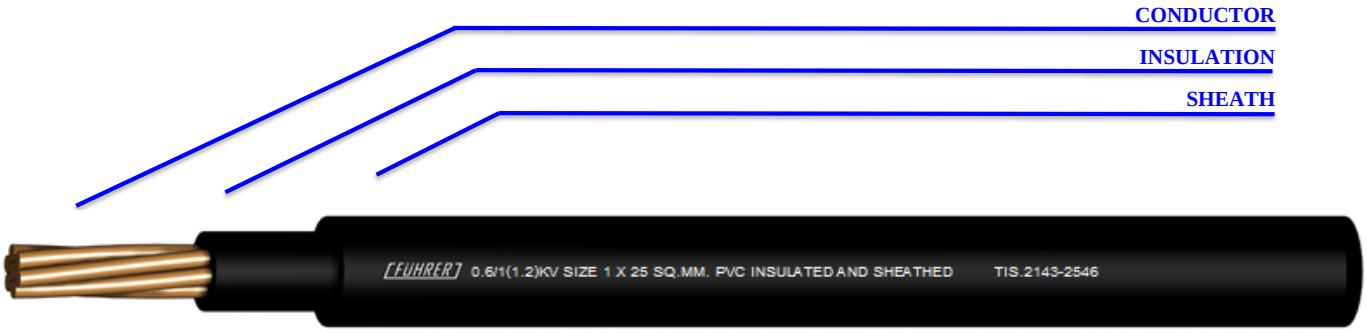
600/1000 V 70ºC PVC INSULATED AND SHEATHED ROUND TYPE



CONDUCTOR : Solid and Standard annealed copper
Size 1.0 mm² up to 120 mm²

INSULATION : Polyvinyl chloride (Black colour) PVC/A

SHEATH : Polyvinyl chloride (Black colour) PVC/ST1

CLASSIFICATION : Maximum conductor temperature 70ºC
Circuit voltage not exceeding 1000 volt

TESTING VOLTAGE : 3,500 VAC

REFERENCE STANDARD : TIS.2143-2546 , MEA

Nominal Cross Sectional area (mm²)	Conductor		Thickness of Insulation (mm)	Thickness of Sheath (mm)	Overall diameter (mm) (Approx.)	Current-Carrying Capacity at 30 °c (Max.)				Maximum resistance of conductor at 20ºC (Ω-Km)	Cable weight (approx.) Kg/Km	Standard length (m)
	Number of wire (Min)	Diameter (mm) (Approx.)				in air A	in ground A	in air A	in ground A			
1 x 1.5	1	1.38	0.8	1.4	6.30	21	27	21	27	12.10	75	500/D
1 x 2.5	1	1.78	0.8	1.4	6.60	27	35	28	35	7.41	90	500/D
1 x 4	7	2.55	1.0	1.4	8.00	37	46	38	45	4.61	120	500/D
1 x 6	7	3.12	1.0	1.4	8.60	46	57	48	57	3.08	150	500/D
1 x 10	7	4.05	1.0	1.4	9.60	64	76	65	76	1.83	200	500/D
1 x 16	7	5.10	1.0	1.4	10.60	84	98	87	97	1.15	270	500/D
1 x 25	7	6.42	1.0	1.4	12.00	114	127	117	125	0.727	380	500/D
1 x 35	19	7.65	1.0	1.4	13.20	140	152	144	150	0.524	480	500/D
1 x 50	19	8.90	1.0	1.4	14.40	172	180	177	178	0.387	580	500/D
1 x 70	19	10.70	1.0	1.4	16.40	218	221	225	218	0.268	830	500/D
1 x 95	19	12.60	1.0	1.5	18.50	270	264	278	260	0.193	1050	500/D
1 x 120	37	14.21	1.0	1.5	20.00	315	300	325	296	0.153	1350	500/D

D:Packing in drum.