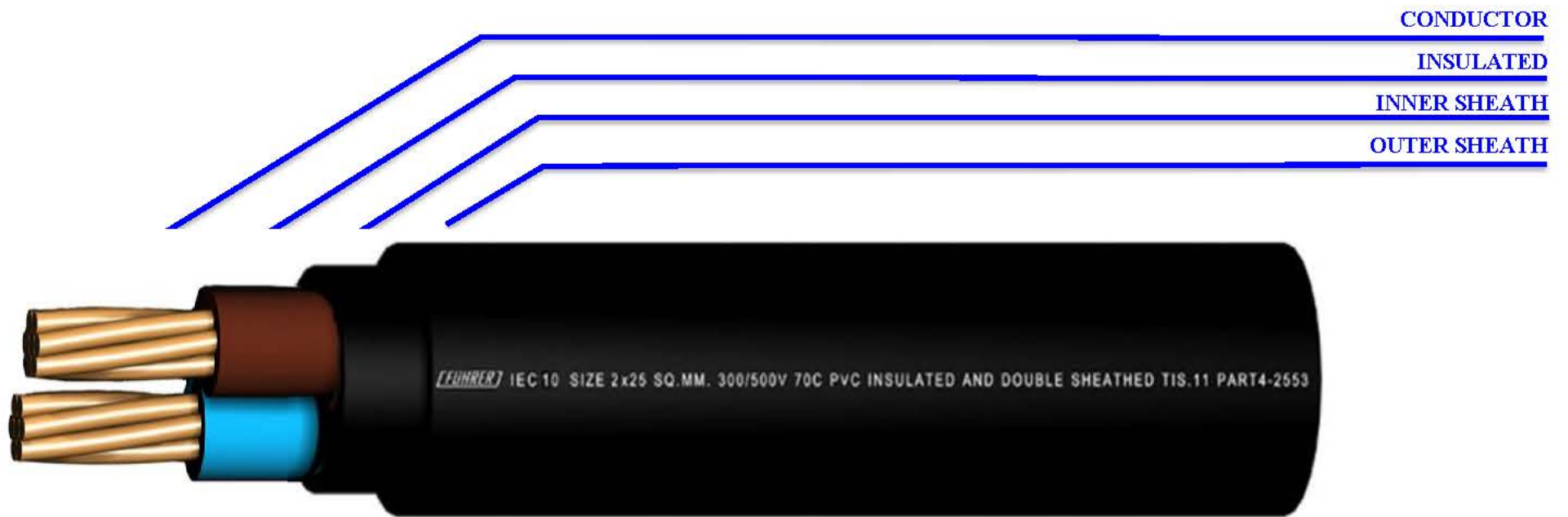


300/500 V 70°C PVC INSULATED AND DOUBLE SHEATHED ROUND TYPE



CONDUCTOR : Solid and Standard annealed copper
Size 1.5 mm² up to 35 mm²

CLASSIFICATION : Maximum conductor temperature 70°C
Circuit voltage not exceeding 500 volt

INSULATION : Polyvinyl chloride (PVC)
Brown , Black , Grey

TESTING VOLTAGE : 2,000 VAC

INNER SHEATH : Polyvinyl chloride (Black colour)

REFERENCE STANDARD : TIS.11 PART 4-2553

OUTER SHEATH : Polyvinyl chloride (Black colour)

No of core	Nominal Cross Sectional area (mm ²)	Conductor		Thickness of Insulation (mm)	Thickness of Inner Sheath (mm)	Thickness of Outer Sheath (mm)	Overall diameter (mm)		Maximum continuous current rating (A) on cable ladder	Minimum insulation resistance at 70°C (MΩ-Km)	Cable weight (approx.) Kg/Km	Standard length (m)
		Number of wire (Min)	Diameter (mm) (Approx.)				Lower Limit	Upper Limit				
2	1.5	1	1.36	0.7	0.4	1.2	7.6	10.0	16	0.011	120	100/C
	2.5	1	1.75	0.8	0.4	1.2	8.6	11.5	22	0.010	160	100/C
	4	1	2.21	0.8	0.4	1.2	9.6	12.5	30	0.0085	210	100/C
	6	7	3.09	0.8	0.4	1.2	11.0	14.0	37	0.0065	290	100/C
	10	7	4.00	1.0	0.6	1.4	13.5	17.5	52	0.0065	470	100/C
	16	7	5.00	1.0	0.6	1.4	15.5	20.0	70	0.0052	650	500/D
	25	7	6.3	1.2	0.8	1.4	18.5	24.0	88	0.0050	980	500/D
	35	7	7.55	1.2	1.0	1.6	21.0	27.5	110	0.0044	1310	500/D

C:Packing in coil.

D:Packing in drum.