

Power and Lighting Cable

YUANYANG CABLE

Low Voltage Shipboard Power Cable

EPR Insulated PVC Sheathed Cable-Flame Retardant 0.6/1kV



Flame Retardant Power Cable
TPY,FA-TPY;TPYC,FA-TPYC; TPYCY,
FA-TPYCY

Conductor: Tinned copper annealed stranded
copper (STC) Class 2

Insulation: Ethylene propylene rubber (EPR)

Sheath: Polyvinyl chloride (PVC)

Armor: Galvernized steel wire braid (GSWB);
Paint in white is needed for TPYC and FA-TPYC

Outer Sheath: Polyvinyl chloride (PVC)

Operating temperature: 90°C

Conductor Size		Overall Diameter						Approx. Weight		
		TPY FA-TPY		TPYC FA-TPYC		TPYCY FA-TPYCY		TPY FA-TPY	TPYC FA-TPYC	TPYCY FA-TPYCY
mm ²	Stranding	mm	±mm	mm	±mm	mm	±mm	kg/km		
1.5	7/0.52	11.2	±0.5	12.5	±0.5	14.5	±0.6	150	245	300
2.5	7/0.67	12.2	±0.5	13.5	±0.5	15.5	±0.6	195	295	355
4	7/0.85	13.4	±0.6	14.7	±0.6	16.9	±0.7	255	365	440
6	7/1.04	14.8	±0.6	16.1	±0.6	18.3	±0.7	335	455	535
10	7/1.35	17.0	±0.7	18.3	±0.7	20.7	±0.8	485	625	725
16	7/1.70	19.5	±0.8	20.8	±0.8	23.2	±0.9	700	855	970
25	7/2.14	23.4	±1.0	24.7	±1.0	27.3	±1.1	1060	1240	1390
35	7/2.52	26.1	±1.1	27.4	±1.1	30.2	±1.2	1390	1600	1770
50	19/1.78	30.2	±1.3	32.0	±1.3	35.0	±1.4	1870	2200	2420
70	19/2.14	35.8	±1.5	37.6	±1.5	41.0	±1.6	2660	3060	3350
95	19/2.52	40.1	±1.6	41.9	±1.6	45.5	±1.7	3530	3980	4320
120	37/2.03	44.0	±1.7	45.8	±1.7	49.6	±1.8	4370	4860	5250
150	37/2.25	48.4	±1.8	50.2	±1.8	54.2	±1.9	5340	5870	6340
185	37/2.52	53.7	±1.9	55.5	±1.9	59.9	±2.0	6640	7230	7780