

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

**DPY,FA-DPY;DPYC,FA-DPYC;
DPYCY, FA-DPYCY**

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

Insulation: Ethylene propylene rubber (EPR)

Sheath: Polyvinyl chloride (PVC)

**Armor: Galvanized steel wire braid (GSWB);
Paint in white is needed for DPYC and FA-DPYC**

Outer Sheath: Polyvinyl chloride (PVC)

Operating temperature: 90°C

Conductor Size		Overall Diameter						Approx. Weight		
		DPY FA-DPY		DPYC FA-DPYC		DPYCY FA-DPYCY		DPY FA-DPY	DPYC FA- DPYC	DPYCY FA-DPYCY
mm ²	Stranding	mm	±mm	mm	±mm	mm	±mm	kg/km		
1.5	7/0.52	10.4	±0.5	11.7	±0.5	13.7	±0.5	120	205	260
2.5	7/0.67	11.5	±0.5	12.8	±0.5	14.8	±0.6	155	250	310
4	7/0.85	12.6	±0.6	13.9	±0.6	15.9	±0.6	200	300	365
6	7/1.04	13.9	±0.6	15.2	±0.6	17.4	±0.7	255	370	445
10	7/1.35	15.8	±0.7	17.1	±0.7	19.3	±0.8	360	490	575
16	7/1.70	18.1	±0.8	19.4	±0.8	21.8	±0.9	515	660	765
25	7/2.14	21.7	±0.9	23.0	±0.9	25.6	±1.0	770	945	1080
35	7/2.52	24.2	±1.0	25.5	±1.0	28.1	±1.1	1010	1200	1350
50	19/1.78	28.1	±1.2	29.4	±1.2	32.2	±1.3	1360	1580	1770
70	19/2.14	33.3	±1.4	35.1	±1.4	38.5	±1.5	1930	2300	2570
95	19/2.52	37.3	±1.6	39.1	±1.6	42.7	±1.6	2550	2960	3280
120	37/2.03	40.9	±1.6	42.7	±1.6	46.5	±1.7	3150	3600	3970
150	37/2.25	45.0	±1.7	46.8	±1.7	50.8	±1.8	3840	4330	4750
185	37/2.52	50.0	±1.9	51.8	±1.9	56.0	±1.9	4780	5330	5810