



Chongqing Hi-Sea Marine Equipment Import & Export Co.,Ltd.

重庆海盛船舶设备进出口有限公司

Add:F20-5,General Chamber of Commerce Building,No.2 Hongjin Street,Yubei District,Chongqing  
 Tel: +86-23-67898920 Fax: +86-23-67956622 e-mail: cable@hiseamarine.com

## PVC insulated Braided Shield Flexible Cable

### PVC insulated Braided Shield Flexible Cable Application

PVC insulated copper braided shield PVC sheathed cable As a result of a braided shield, it has better electromagnetic compatibility characteristics. It is especially suitable than the harsh electromagnetic environment, install from smaller installations. RVVP cable products can be installed in the bridge, hose, for indoor installation.

### PVC insulated Braided Shield Flexible Cable Features

Rated voltage: 300V/500V.

Conductor: Stranded copper conductor, in line with GB/T3956 Class 5 (equivalent to IEC60228.5).

Insulation: Polyvinyl chloride (PVC).

Shield: tinned copper braid shield, braid density greater than 85%.

Sheath: Flexible PVC (PVC).

Sheath color: black, or according to customer requirements.

Core identification: ≤ 5 cores colored wire; black cores with white numbers, may contain yellow / green lines.

Number of cores :2-24 core.

Cross-sectional area: 0.50-6.0mm<sup>2</sup>.

Test voltage: 2000V, 5 minutes without breakdown.

Insulation resistance:> 20MΩ × KM.

### PVC insulated Braided Shield Flexible Cable Service Condition

- (1) the construction according to strict accordance with GB50168-2006 standard of conduct.
- (2) Operating temperature: -0 °C ~ +70 °C.
- (3) bending radius: Minimum 15 times the cable diameter.
- (4) flame retardant properties: IEC60332.

### PVC insulated Braided Shield Flexible Cable Specification

RVVP、ZR-RVVP

Cores*Ar ea mm <sup>2</sup>	Max.Diamet er of Cores mm	Insulatio n Thicknes s mm	Screen Copper Dia mm	Sheath Thickne ss mm	Max.Avera ge Outer Dia mm	Approx.Wei ght kg/km	Maximum resistance of copper conductor		Minimu of insulatio n resistanc e MΩ.km
							Cooper Conduct	Tinne d	

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							or	Copper	
1×0.3	0.16	0.5	0.10	0.4	3.5	14.46	69.2	71.2	0.014
1×0.4	0.16	0.5	0.10	0.4	3.7	16.44	48.2	49.6	0.013
1×0.5	0.21	0.5	0.10	0.4	3.8	17.99	39.0	40.1	0.012
1×0.75	0.21	0.5	0.10	0.4	4.1	21.50	26.0	26.7	0.010
1×1.0	0.21	0.6	0.10	0.6	4.9	30.25	19.5	20.0	0.010
1×1.5	0.26	0.6	0.10	0.6	5.2	36.64	13.3	13.7	0.009
1×1.25	0.26	0.7	0.15	0.6	6.0	55.92	7.98	8.21	0.008
*1×4	0.31	0.8	0.15	0.8	7.1	83.60	-	-	-
*1×6	0.31	0.8	0.15	0.8	8.2	107.54	-	-	-
2×0.3	0.16	0.5	0.15	0.6	6.2	40.16	69.2	71.2	0.014
					4.2×6.2	35.70	-	-	-
2×0.4	0.16	0.5	0.15	0.6	6.6	45.19	48.2	49.6	0.013
					4.4×6.6	40.09	-	-	-
2×0.5	0.21	0.5	0.15	0.6	6.8	19.05	39.0	40.1	0.012
					4.5×6.8	43.48	-	-	-
2×0.75	0.21	0.5	0.15	0.6	7.4	57.68	26.0	26.7	0.010
					4.8×7.4	51.11	-	-	-
2×1.0	0.21	0.6	0.15	0.6	8.2	71.22	19.5	20.0	0.010
					5.2×8.3	62.68	-	-	-
2×1.5	0.26	0.6	0.15	0.8	9.2	92.90	13.3	13.7	0.009
					6.0×9.3	82.07	-	-	-
*2×2.5	0.26	0.7	0.15	1.0	10.9	143.53	7.98	8.21	0.008
					7.1×11.0	125.84	-	-	-
*2×4	0.31	0.8	0.15	1.0	11.5	188.10	-	-	-
					8.2×11.6	165.49	-	-	-
3×0.3	0.16	0.5	0.15	0.6	6.5	46.65	69.2	71.2	0.014
3×0.4	0.16	0.5	0.15	0.6	6.9	53.15	48.2	49.6	0.013
3×0.5	0.21	0.5	0.15	0.6	7.1	28.20	39.0	40.1	0.012
3×0.75	0.21	0.5	0.15	0.6	7.8	69.62	26.0	26.7	0.010
3×1.0	0.21	0.6	0.15	0.8	9.1	93.67	19.5	20.0	0.010
3×1.5	0.26	0.6	0.20	0.8	10.0	122.92	13.3	13.7	0.009
*3×2.5	0.26	0.7	0.20	1.0	11.9	189.37	7.98	8.21	0.008
4×0.3	0.16	0.5	0.15	0.6	7.0	54.71	69.2	71.2	0.014
4×0.4	0.16	0.5	0.15	0.6	7.5	62.86	48.2	49.6	0.013
*4×0.5	0.21	0.5	0.15	0.8	8.2	74.85	39.0	40.1	0.012
*4×0.75	0.21	0.5	0.15	0.8	8.7	89.69	26.0	26.7	0.010
*4×1	0.21	0.6	0.15	0.8	9.7	113.06	19.5	20.0	0.010

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*4×1.5	0.26	0.6	0.20	1.0	11.1	157.24	13.3	13.7	0.009
*4×2.5	0.26	0.7	0.20	1.0	12.8	231.10	7.98	8.21	0.008
5×0.3	0.16	0.5	0.15	0.6	7.6	63.28	69.2	71.2	0.014
5×0.4	0.16	0.5	0.15	0.6	8.1	73.13	48.2	49.6	0.013
*5×0.5	0.21	0.5	0.15	0.8	8.7	86.71	39.0	40.1	0.012
*5×0.75	0.21	0.5	0.15	0.8	9.4	104.44	26.0	26.7	0.010
*5×1	0.21	0.6	0.15	1.0	11.1	150.57	19.5	20.0	0.010
*5×1.5	0.26	0.6	0.20	1.0	11.9	183.97	13.3	13.7	0.009
*5×2.5	0.26	0.7	0.20	1.0	13.8	282.80	7.98	8.21	0.008
6×0.3	0.16	0.5	0.15	0.6	8.2	71.80	69.2	71.2	0.014
6×0.4	0.16	0.5	0.15	0.8	9.2	90.10	48.2	49.6	0.013
*6×0.5	0.21	0.5	0.15	0.8	9.3	99.40	39.0	40.1	0.012
*6×0.75	0.21	0.5	0.15	0.8	10.0	120.59	26.0	26.7	0.010
*6×1	0.21	0.6	0.15	1.0	11.8	171.85	19.5	20.0	0.010
*6×1.5	0.26	0.6	0.20	1.0	12.7	211.08	13.3	13.7	0.009
*6×2.5	0.26	0.7	0.20	1.0	14.8	315.00	7.98	8.21	0.008
7×0.3	0.16	0.5	0.15	0.6	8.2	75.06	69.2	71.2	0.014
7×0.4	0.16	0.5	0.15	0.8	9.2	94.45	48.2	49.6	0.013
*7×0.5	0.21	0.5	0.15	0.8	9.3	104.62	39.0	40.1	0.012
*7×0.75	0.21	0.5	0.15	0.8	10.0	127.97	26.0	26.7	0.010
*7×1	0.21	0.6	0.15	1.0	11.8	181.80	19.5	20.0	0.010
*7×1.5	0.26	0.6	0.20	1.0	12.7	225.10	13.3	13.7	0.009
*7×2.5	0.26	0.7	0.20	1.0	14.8	338.10	7.98	8.21	0.008
8×0.3	0.16	0.5	0.15	0.6	8.7	85.02	69.2	71.2	0.014
8×0.4	0.16	0.5	0.15	0.8	9.6	106.81	48.2	49.6	0.013
*8×0.5	0.21	0.5	0.15	0.8	10.1	118.53	39.0	40.1	0.012
*8×0.75	0.21	0.5	0.15	0.8	1.8	145.43	26.0	26.7	0.010
*8×1	0.21	0.6	0.15	1.2	13.2	216.27	19.5	20.0	0.010
*8×1.5	0.26	0.6	0.20	1.2	14.2	266.95	13.3	13.7	0.009
*8×2.5	0.26	0.7	0.20	1.2	16.4	400.23	7.98	8.21	0.008
10×0.3	0.16	0.5	0.20	0.8	10.9	120.78	69.2	71.2	0.014
10×0.4	0.16	0.5	0.20	0.8	11.6	139.95	48.2	49.6	0.013
*10×0.5	0.21	0.5	0.20	1.0	12.4	164.19	39.0	40.1	0.012
*10×0.75	0.21	0.5	0.20	1.0	13.2	199.21	26.0	26.7	0.010
*10×1	0.21	0.6	0.20	1.2	15.1	262.76	19.5	20.0	0.010
12×0.3	0.16	0.5	0.20	0.8	11.2	133.30	69.2	71.2	0.014
12×0.4	0.16	0.5	0.20	0.8	11.9	156.51	48.2	49.6	0.013
*12×0.5	0.21	0.5	0.20	1.0	12.7	183.47	39.0	40.1	0.012
*12×0.75	0.21	0.5	0.20	1.0	13.5	224.30	26.0	26.7	0.010
*12×1	0.2	0.6	0.20	1.2	15.5	296.37	19.5	20.0	0.010

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14×0.3	0.16	0.5	0.20	0.8	11.7	148.40	69.2	71.2	0.014
14×0.4	0.16	0.5	0.20	0.8	12.5	173.78	48.2	49.6	0.013
*14×0.5	0.21	0.5	0.20	1.0	13.3	203.67	39.0	40.1	0.012
*14×0.75	0.21	0.5	0.20	1.0	14.2	250.38	26.0	26.7	0.010
*14×1	0.21	0.6	0.20	1.2	16.2	331.31	19.5	20.0	0.010
16×0.3	0.16	0.5	0.20	0.8	12.3	162.94	69.2	71.2	0.014
16×0.4	0.16	0.5	0.20	0.8	13.1	191.47	48.2	49.6	0.013
*16×0.5	0.21	0.5	0.20	1.0	14.0	224.35	39.0	40.1	0.012
*16×0.75	0.21	0.5	0.20	1.0	14.9	276.99	26.0	26.7	0.010
*16×1	0.21	0.6	0.20	1.2	17.1	366.94	19.5	20.0	0.010
19×0.3	0.16	0.5	0.20	0.8	12.9	181.16	69.2	71.2	0.014
19×0.4	0.16	0.5	0.20	1.0	14.2	224.46	48.2	49.6	0.013
*19×0.5	0.21	0.5	0.20	1.2	15.1	262.07	39.0	40.1	0.012
*19×0.75	0.21	0.5	0.20	1.2	16.1	323.75	26.0	26.7	0.010
*19×1	0.21	0.6	0.20	1.2	17.9	413.35	19.5	20.0	0.010
24×0.3	0.16	0.5	0.20	1.0	14.4	232.09	69.2	71.2	0.014
24×0.4	0.16	0.5	0.20	1.0	16.4	273.80	48.2	49.6	0.013
*24×0.5	0.21	0.5	0.20	1.2	17.4	319.65	39.0	40.1	0.012
*24×0.75	0.21	0.5	0.20	1.2	18.6	396.78	26.0	26.7	0.010
*24×1	0.21	0.6	0.20	1.2	21.0	508.49	19.5	20.0	0.010

PVC insulated Braided Shield Flexible Cable Show

