For low voltage power

Class 3 600V ethylene propylene rubber-insulated polychloroprene rubber sheath cable

600V-1000V Type PNCT FLOATING DOCK SHORE POWER CABLE

Compliance standards

JIS C 3327 DIN VDE 0250-813 IEC/ISO/IEEE 80005-3

Features

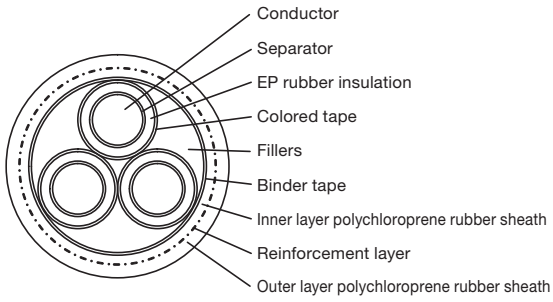
- This product is low voltage cable for Shore-Connection systems.
- The cable is suitable for use low voltage shore connection systems (LVCS), on board the ship and on shore, to supply the ship with electrical power from shore, using control cores to adapt different type of vessels.

Structure

- Conductor: Tin-coated annealed copper strand wire
- Insulation: Ethylene propylene rubber (EP rubber)
- Sheath: Polychloroprene rubber

Wire core identification

(2 core) Black, white (3 core) Black, white, red (5 core) Black, white, red, green (6 core or higher) Black, white, red, black, black... tracer method



PNCT 8 to 325mm² (single core)

No. of wire cores	Conductor			EP rubber insulation thickness	Polychloroprene rubber sheath thickness	Overall diameter	Maximum overall diameter	Approx. net weight (reference value)	Electrical properties		
	Nominal cross sectional area	Structure	Outer diameter						Maximum conductor resistance	Test voltage	Minimum insulation resistance
									20℃		20℃
	mm²	Wires/mm	Approx. mm	mm	mm	Approx. mm	mm	kg/km	Ω/km	V/1 min.	MΩ·km
1	8	50/0.45	3.7	1.2	2.6	13.5	14.5	235	2.45	3000	400
	14	88/0.45	4.9	1.2	2.7	14.5	15.5	315	1.39	3000	400
	22	7/20/0.45	7.0	1.6	2.9	18.0	19.0	480	0.892	3000	300
	30	7/27/0.45	8.1	1.6	2.9	19.5	21	590	0.661	3000	300
	38	7/34//0.45	9.1	1.6	3.0	21	22	720	0.525	3000	300
	50	19/16/0.45	10.0	2.1	3.2	23	24	905	0.411	3000	300
	60	19/20/0.45	11.2	2.1	3.2	24	25	1060	0.329	3000	300
	80	19/27/0.45	13.0	2.1	3.4	26	28	1330	0.243	3000	300
	95	19/34/0.45	14.7	2.1	3.5	28	30	1580	0.193	3000	300
	125	19/42/0.45	16.3	2.7	3.7	32	33	1970	0.156	3000	300
	150	27/34/0.45	17.7	2.7	3.8	33	35	2210	0.136	3000	300
	200	37/34/0.45	20.0	3.3	4.0	37	39	2920	0.0993	3000	300
	250	37/42/0.45	22.0	3.3	4.1	39	41	3460	0.0803	3000	300
	325	37/55/0.45	25.4	3.3	4.4	43	46	4370	0.0614	3000	300

FEICHUN SPECIAL CABLES

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PNCT 2 to 200mm² (2 core)

No. of wire cores	Conductor			EP rubber insulation thickness	Polychloroprene rubber sheath thickness	Overall diameter	Maximum overall diameter	Approx. net weight (reference value)	Electrical properties		
	Nominal cross sectional area	Structure	Outer diameter						Maximum conductor resistance	Test voltage	Minimum insulation resistance
									20℃		20℃
	mm²	Wires/mm	Approx. mm	mm	mm	Approx. mm	mm	kg/km	Ω /km	V/1 min.	MΩ ·km
2	2	37/0.26	1.8	1.2	2.8	15.0	16.0	270	10.2	3000	500
	3.5	45/0.32	2.5	1.2	2.9	16.5	17.5	340	5.54	3000	500
	5.5	70/0.32	3.1	1.2	3.0	18.0	19.0	420	3.63	3000	500
	8	50/0.45	3.7	1.2	3.1	21	22	540	2.57	3000	400
	14	88/0.45	4.9	1.2	3.3	24	25	750	1.46	3000	400
	22	7/20/0.45	7.0	1.6	3.7	30	32	1200	0.937	3000	300
	30	7/27/0.45	8.1	1.6	3.8	33	34	1460	0.694	3000	300
	38	7/34/0.45	9.1	1.6	4.0	35	37	1720	0.551	3000	300
	50	19/16/0.45	10.0	2.1	4.2	39	41	2160	0.432	3000	300
	60	19/20/0.45	11.2	2.1	4.4	42	45	2570	0.345	3000	300
	80	19/27/0.45	13.0	2.1	4.7	47	49	3230	0.255	3000	300
	95	19/34/0.45	14.7	2.1	4.9	50	53	3880	0.203	3000	300
	125	19/42/0.45	16.3	2.7	5.3	57	60	4860	0.164	3000	300
	150	27/34/0.45	17.7	2.7	5.4	60	63	5440	0.143	3000	300
	200	37/34/0.45	20.0	3.3	5.9	68	72	7260	0.104	3000	300

PNCT 2 to 200mm² (3 core)

3	2	37/0.26	1.8	1.2	2.9	16.0	17.0	315	10.2	3000	500
	3.5	45/0.32	2.5	1.2	3.0	17.5	18.5	410	5.54	3000	500
	5.5	70/0.32	3.1	1.2	3.1	19.0	20	520	3.63	3000	500
	8	50/0.45	3.7	1.2	3.2	22	23	660	2.57	3000	400
	14	88/0.45	4.9	1.2	3.4	25	26	945	1.46	3000	400
	22	7/20/0.45	7.0	1.6	3.8	32	34	1510	0.937	3000	300
	30	7/27/0.45	8.1	1.6	4.0	35	37	1880	0.694	3000	300
	38	7/34/0.45	9.1	1.6	4.1	37	39	2220	0.551	3000	300
	50	19/16/0.45	10.0	2.1	4.4	42	44	2810	0.432	3000	300
	60	19/20/0.45	11.2	2.1	4.6	45	48	3350	0.345	3000	300
	80	19/27/0.45	13.0	2.1	4.8	50	52	4220	0.255	3000	300
	95	19/34/0.45	14.7	2.1	5.1	54	57	5120	0.203	3000	300
	125	19/42/0.45	16.3	2.7	5.5	61	64	6410	0.164	3000	300
	150	27/34/0.45	17.7	2.7	5.7	64	67	7230	0.143	3000	300
	200	37/34/0.45	20.0	3.3	6.2	73	77	9680	0.104	3000	300

PNCT 2 to 200mm² (5 core)

5	2	37/0.26	1.8	1.2	2.9	18.0	19.0	410	10.2	3000	500
	3.5	45/0.32	2.5	1.2	3.1	20.0	21	535	5.54	3000	500
	5.5	70/0.32	3.1	1.2	3.1	23	24	670	3.63	3000	500
	8	50/0.45	3.7	1.2	3.3	26	27	875	2.57	3000	400
	14	88/0.45	4.9	1.2	3.5	29	31	1670	1.46	3000	400
	22	7/20/0.45	7.0	1.6	4.0	37	39	1980	0.937	3000	300
	30	7/27/0.45	8.1	1.6	4.2	40	42	2870	0.694	3000	300
	38	7/34/0.45	9.1	1.6	4.3	43	45	3310	0.551	3000	300
	50	19/16/0.45	10.0	2.1	4.6	49	52	3960	0.432	3000	300
	60	19/20/0.45	11.2	2.1	4.9	53	55	4780	0.345	3000	300
	80	19/27/0.45	13.0	2.1	5.2	58	61	5930	0.255	3000	300
	95	19/34/0.45	14.7	2.1	5.4	63	66	7260	0.203	3000	300
	125	19/42/0.45	16.3	2.7	5.9	69	73	8940	0.164	3000	300
	150	27/34/0.45	17.7	2.7	6.1	73	77	13090	0.143	3000	300
	200	37/34/0.45	20.0	3.3	6.7	85	89	19500	0.104	3000	300