

NBR insulated and sheathed Flexible control cable

NBR insulated and sheathed Flexible control cable Application and features

This product is suitable for mobile electrical instruments or signal transmission with AC rated voltage 450/750V and below. This cable has features like cold-resistant, anti-oil, high tensile strength, tear resistance, flexibility and other characteristics suitable for metallurgy, electric power, machinery, ports and other industries mobile and other special requirements with occasions.

NBR insulated and sheathed Flexible control cable Service condition and standards

1. AC rated voltage: U_0 / U 450/750KV. Maximum operating temperature: 70 °C (flame retardant to 105 °C)
2. Minimum ambient temperature: fixed laying -40 °C, non-fixed installation -15 °C
3. Cable installation laying temperature should not be lower than -20 °C.
4. Flame test comply with GB12666-90 standard

NBR insulated and sheathed Flexible control cable technical performance

1. Finished resistance of the conductor (in line with GB3956 requirements)
2. 20 °C insulation resistance of not less than 50MΩ/KM
3. Finished cable withstand voltage test 50HZ AC3.0KV/5min without breakdown.

NBR insulated and sheathed Flexible control cable Model

(K)YVFR	NBR insulated and sheathed Flexible control cable
(K)YVFRP	NBR insulated and sheathed Copper wire braided shield Flexible control cable

- Notes: 1. For flame retardant cable, plus ZR before models.
2. conductor wire core tinned copper wire can be used.
3. if any special requirements, it can be manufactured in accordance with drawings or designed and manufactured in accordance with environmental requirements.

CHINA HI-SEA MARINE EQUIPMENT IMPORT&EXPORT CO.,LTD.

NBR insulated and sheathed Flexible control cable Code

Item	Code	Explanation
Flame Characteristic	ZR	Flame retardant NBR Flexible cable
Series Code	K	Control Cable
Insulation Material	YVF	Butyronitrile
Shielding Material	P	Copper wire
	P1	Tinned copper wire
Conductor structure	A	Single stranded
	B	7 Stranded
	R	Multi-Stranded

NBR insulated and sheathed Flexible control cable Specification

Core*Nominal C.S.A(mm ²)	Conductor Structure (Number*Diameter) (B/R) mm	Cable Diameter(mm)		Outer Reference Weight(kg/km)	
		YVFR	YVFRP	YVFR	YVFRP
2*0.75	24*0.20	7.0	8.2	83	123
2*1.0	32*0.20	8.0	9.1	92	137
2*1.5	48*0.20	9.2	10.5	124	174
2*2.5	51*0.25	10.5	11.8	166	220
3*0.75	24*0.20	8.5	9.8	103	143
3*1.0	32*0.20	9.0	10.2	110	152
3*1.5	48*0.20	9.5	10.7	136	177
3*2.5	51*0.25	12.5	13.8	190	243
4*0.75	24*0.20	9.0	10.2	120	160
4*1.0	32*0.20	9.3	10.9	130	173
4*1.5	48*0.20	11.0	12.5	161	205
4*2.5	51*0.25	13.5	14.9	230	270
5*0.75	24*0.20	10.0	11.5	128	168

CHINA HI-SEA MARINE EQUIPMENT IMPORT&EXPORT CO.,LTD.

5*1.0	32*0.20	11.0	12.5	150	220
5*1.5	48*0.20	12.0	13.5	200	270
5*2.5	51*0.25	14.0	15.2	300	390
7*0.75	24*0.20	10.5	11.5	151	221
7*1.0	32*0.20	12.5	14.2	172	241
7*1.5	48*0.20	13.0	14.6	240	298
7*2.5	51*0.25	15.5	16.5	360	380
8*0.75	24*0.20	13.5	14.5	175	234
8*1.0	32*0.20	14.0	15.2	200	233
8*1.5	48*0.20	15.0	16.6	288	291
8*2.5	51*0.25	16.0	17.2	420	580
10*0.75	24*0.20	14.1	15.4	220	320
10*1.0	32*0.20	15.0	16.0	270	394
10*1.5	48*0.20	17.1	18.1	355	480
10*2.5	51*0.25	19.0	20.1	520	650
12*0.75	24*0.20	13.0	14.5	255	365
12*1.0	32*0.20	14.2	15.4	297	397
12*1.5	48*0.20	16.0	17.2	382	520
12*2.5	51*0.25	20.0	21.5	597	690
14*0.75	24*0.20	17.0	18.0	290	390
14*1.0	32*0.20	17.6	19.0	341	470
14*1.5	48*0.20	19.0	20.0	460	580
14*2.5	51*0.25	21.0	22.0	590	790
19*0.75	24*0.20	15.8	16.8	350	480
19*1.0	32*0.20	17.0	18.0	420	550
19*1.5	48*0.20	20.0	21.0	540	660
19*2.5	51*0.25	23.0	24.2	855	1073