

Fluorine plastic control cable

Fluorine plastic control cable Application

Fluorine plastic insulated and sheathed structure, KFF control cable has good high temperature and mechanical properties, suitable for high temperature, low temperature, corrosion and other special environment for electrical, instrumentation, automatic control system, the transmission cable.

Fluorine plastic control cable Service Condition

- 1.Frequency rated voltage U_0 / U 450/750 or 0.6/1KV;
- 2.PTFE insulation and sheathing;
- 3.Cable bending radius, excellent tensile properties;
- 4.Long-term operating temperature $-40 \sim 250 \text{ }^\circ\text{C}$;
- 5.High temperature, low temperature, acid, oil, corrosion-resistant, does not burn, excellent performance;
- 6.Widely used in high temperature and harsh environment for transmission line electrical, instrumentation, automation system.

Fluorine plastic control cable model

Model	Name
KFF46	Copper TFPE insulated and sheathed control cable
KFF46R	Copper TFPE insulated and sheathed flexible control cable
KFF46P	Copper TFPE insulated and sheathed tinned copper wire braided shield control cable
KFF46RP	Copper TFPE insulated and sheathed tinned copper wire braided shield flexible control cable
KFF46P2	Copper TFPE insulated and sheathed copper tape shield control cable
KFF46RP2	Copper TFPE insulated and sheathed copper tape shield flexible control cable

Fluorine plastic control cable technical parameters

Item	Indicator															
	Cross-Section		0.5		0.75		1.0		1.5		2.5		4.0		6.0	
20°C Conductor DC Resistance $\leq(\Omega/\text{km})$	Area(mm ²)															
	Coating		-	Tinned	-	Tinned	-	Tinned	-	Tinned	-	Tinned	-	Tinned	-	Tinned
	Category AB		36.0	36.7	24.5	24.7	18.1	18.2	12.1	12.2	7.4	7.56	4.6	4.70	3.0	3.11

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

	Category B	39.0	40.1	26.0	26.7	19.5	20.0	13.3	13.3	7.98	8.21	/	/	/	/
Insulation Resistance when Max.Operating temperature≤(MΩ/km)	Category A	/			0.012	0.011	0.011	0.010	0.0085	0.0070					
	Category BR	0.013	0.011	0.010	0.010	0.009	0.0077	0.00651							
Testing Voltage(KV/5Min)		3.0													

Fluorine plastic control cable specification

Model	Cores	Cross-section area(mm2)
KFF46	2~37	0.5~10
KFF46R	2~37	0.5~10
KFF46P	2~37	0.5~10
KFF46RP	2~37	0.5~10
KFF46P2	2~37	0.5~10
KFF46RP2	2~37	0.5~10