IEEE STD 45/1580 CABLE

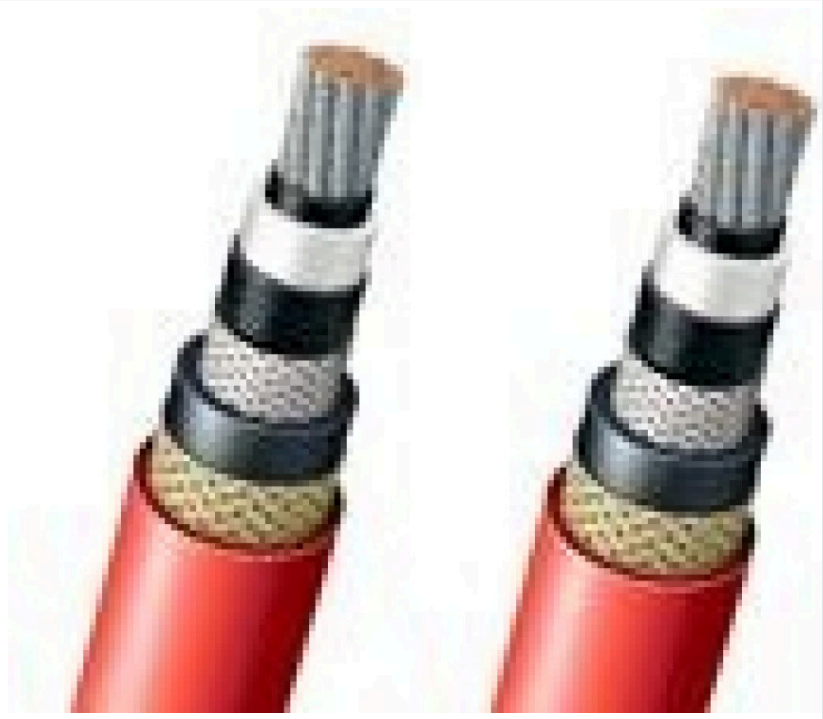
High Voltage Offshore Power Cable(5KV/8KV15KV)

ISO9001 Supplier

Class Certificate

Export Supply

Cable Type High Voltage Cable 5KV- SEN(BS) SEL(BS) TEN(BS) TEL(BS) 8KV- SEN(BS) SEL(BS) TEN(BS) TEL(BS) 15KV- SEN(BS) SEL(BS) TEN(BS) TEL(BS) ...



Key Highlights

Category	IEEE Std 45/1580 Cable
Standard	DIN
Material	Tinned Copper/Semi-conducting compound/EP Rubber/Neoprene/Tinned Copper ...
Weight / Size	Cable Type High Voltage Cable 5KV- SEN(BS) SEL(BS) TEN(BS) TEL(BS) 8KV- ...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	IEEE Std 45/1580 Cable	**Model / SKU**	High-Voltage-Offshore-Power-Cable-5KV-8KV15KV
Standard	DIN	**Material**	Tinned Copper/Semi-conducting compound/EP Rubber/Neoprene/Tinned Copper Braided/Neoprene
Weight / Size	Cable Type High Voltage Cable 5KV- SEN(BS) SEL(BS) TEN(BS) TEL(BS) 8KV- SEN(BS) SEL(BS) TEN(BS) TEL(BS) 15KV- SEN(BS) SEL(BS) TEN(BS) TEL(BS) Cable Construction Classification Code Construction details Conductor Annealed Stranded Copper Wire Cable Type S Single Power Cable Conductor Screen Semi-conducting compoud Insulation E EP Rubber Insulation Screen Semi-conducting Compound Or Braid of tinned annealed copper wire Jacket N Flame Retardant Thermosetting Neoprene Armor(Optional) B Bronze T Tinned Copper Wire Outer Sheath(Optional) S Same as Jacket Standards IEEE 1560(2001) IEC 45(1998) ICEA S -68-516 UL 1072(2001) UL 1309 IEEE 1202(1991) IEC 60332-3 Category A CSA C 22.2 NO.38(at -40℃) IEC 60332-3 Category A Cores & Size Cores:	**Certificate**	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
Warranty	12 Months unless specified otherwise	**Origin**	China

CONTENTS

- Cable Type High Voltage Cable
- Standards
- Application:
- Cable Construction
- Cores & Size
- Advantage of IEEE 1580 Cable



Cable Type High Voltage Cable

5KV- SEN(BS) SEL(BS) TEN(BS) TEL(BS)

8KV- SEN(BS) SEL(BS) TEN(BS) TEL(BS)

15KV- SEN(BS) SEL(BS) TEN(BS) TEL(BS)

Cable Construction

Classification	Code	Construction details
Conductor	Annealed Stranded Copper Wire	
Cable Type	S	Single Power Cable
Conductor Screen	Semi-conducting compoud	
Insulation	E	EP Rubber
Insulation Screen	Semi-conducting Compound Or Braid of tinned annealed copper wire	
Jacket	N	Flame Retardant Thermosetting Neoprene
Armor(Optional)	B	Bronze
T	Tinned Copper Wire	
Outer Sheath(Optional)	S	Same as Jacket

Standards

IEEE 1560(2001) IEC 45(1998)

ICEA S -68-516

UL 1072(2001)

UL 1309

IEEE 1202(1991)

IEC 60332-3 Category A

CSA C 22.2 NO.38(at -40℃)

IEC 60332-3 Category A

Cores & Size

Cores: 1 3

Size (AWG or MCM): 8 6 5 4 2 1 1/0 2/0 3/0 4/0 262 313 373 444 535 646 771 1111

Application:

The cable is fixed installation for signal, voltage up to 600V, apply for commercial marine, shipping building, MODU’S and Platform.

Advantage of IEEE 1580 Cable

Flame retardant

Fire-resistant (FS Type)

Resistance to oil, abrasion, petrochemical fluid, moisture and sunlight

Excellent flexibility