



GLOBAL CABLE TECHNOLOGY AND SOLUTIONS

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TECHNICAL SPECIFICATION

ESP Lead CABLE



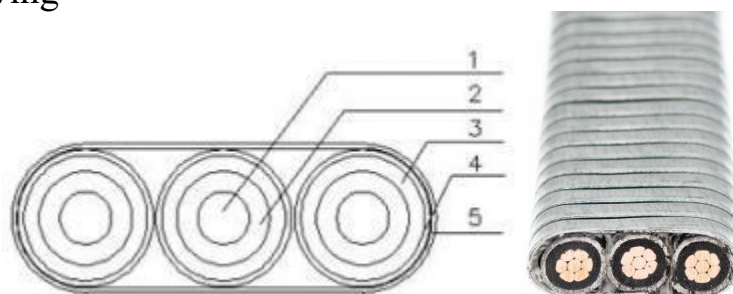
2026

EPDM insulated and Lead sheathed, galvanized steel strip armoring, cable for submersible oil pump

1. Product description: this product is mainly used to provide power for ESP Cable
conductor continuous working temperature is not more than 232 °C (450F)

2. Execution standard: PAI RP11S5 、 PAI RP11S6 、 IEEE1018

3. Structural drawing



1. Conductor 2. EPDM 3. Lead 4. Glass fiber cloth 5. Galvanized steel strip

4. Cable structure/Size/weight

Voltage: 5kv

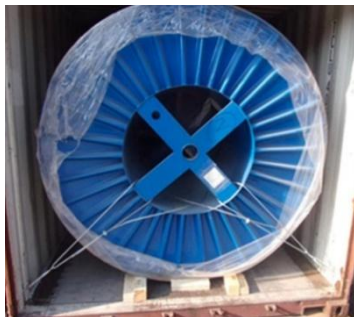
Type	Conductor specification			EPDM insulation		LEAD sheath		Finished size ≤		calculated weight kg/km
	AWG	Area mm ²	Outer diameter mm	Thickness mm	Outer diameter mm	Thickness mm	Outer diameter mm	Thickness mm	Width mm	
6EP5LDGF	6	13	4.12	1.9	7.92	0.76	9.52	12.54	34.00	1.85
4EP5LDGF	4	20	5.19	1.9	8.99	0.76	10.59	14.61	37.13	2.23
2EP5LDGF	2	33	6.54	1.9	10.34	0.76	11.94	15.96	41.00	2.77
1EP5LDGF	1	42	7.35	1.9	11.15	0.76	14.75	16.80	43.60	3.14

Test voltage of the finished product before leaving factory

Rated voltage kV	DC voltage test kV/min	alternating voltage test kV/min
3	27/5	9/ 1
4	31/5	11/ 1
5	35/5	13/ 1

1. Package:

Produc name	QTY (M)	Packing style	Packing length (M)	Number of package
ESP CABLE 3X2AWG	10700	Metal drum	2140M	5



2. Stickers template:

Type: ESP cable
Voltage: 5kV
Size: 3x2AWG
Length: 2140M
Drum size: 1550 *1150*600mm