Downhole ESP cable

ESP 300 R/RE

149 °C Round ESP Downhole Pump Cable

Downhole ESP cable

Downhole ESP cable | **Order-specific design**

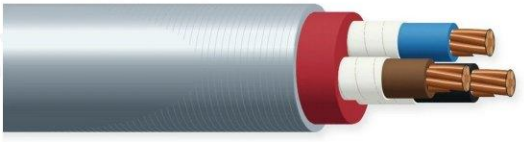


Application

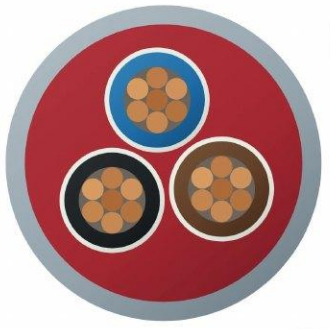
Three-phase downhole power connection for an electrical submersible pump. Select insulation, gas barriers and armour for the well fluids and thermal profile.

Typical uses: Oil and gas, Marine and offshore, Condition monitoring

Construction



TEBAOFLEX ESP 300 R/RE 149 °C ROUND ESP DOWNHOLE PUMP CABLE



Cross-section, not to scale

1	Conductor	Copper
2	Insulation	EPDM
3	Inner jacket	NBR or EPDM
4	Metallic armour	Steel tape armour

Technical data

Typical values

Rated voltage	3, 4 or 5 kV	Maximum conductor temperature	+149 °C
Service profile	Fixed installation with installation flexing	Water exposure	Specify depth, pressure and water chemistry
Chemical compatibility	Verify against the actual fluid and temperature	Standards	Order-specific design

Sizes

24 standard constructions

Tick the sizes you need and send this page to info@tebaoflex.com or WhatsApp +86 185 9591 3361.

Configuration	Voltage kV	Section mm²	Outer diameter mm	Weight kg/km
NBR inner jacket · 3 kV 4 sizes				
☐ ESP NBR 3 kV 3x1 AWG	3	42.4	35.0	2,581
☐ ESP NBR 3 kV 3x2 AWG	3	33.6	33.2	2,246
☐ ESP NBR 3 kV 3x4 AWG	3	21.2	29.8	1,735
☐ ESP NBR 3 kV 3x6 AWG	3	13.3	27.5	1,384
NBR inner jacket · 4 kV 4 sizes				
☐ ESP NBR 4 kV 3x1 AWG	4	42.4	34.3	2,653
☐ ESP NBR 4 kV 3x2 AWG	4	33.6	32.6	2,314
☐ ESP NBR 4 kV 3x4 AWG	4	21.2	29.1	1,794
☐ ESP NBR 4 kV 3x6 AWG	4	13.3	26.8	1,442
NBR inner jacket · 5 kV 4 sizes				
☐ ESP NBR 5 kV 3x1 AWG	5	42.4	35.2	2,725
☐ ESP NBR 5 kV 3x2 AWG	5	33.6	33.4	2,386
☐ ESP NBR 5 kV 3x4 AWG	5	21.2	30.0	1,858
☐ ESP NBR 5 kV 3x6 AWG	5	13.3	27.6	1,502
EPDM inner jacket · 3 kV 4 sizes				
☐ ESP EPDM 3 kV 3x1 AWG	3	42.4	35.0	2,547
☐ ESP EPDM 3 kV 3x2 AWG	3	33.6	33.2	2,217
☐ ESP EPDM 3 kV 3x4 AWG	3	21.2	29.8	1,710
☐ ESP EPDM 3 kV 3x6 AWG	3	13.3	27.5	1,367
EPDM inner jacket · 4 kV 4 sizes				
☐ ESP EPDM 4 kV 3x1 AWG	4	42.4	34.3	2,616
☐ ESP EPDM 4 kV 3x2 AWG	4	33.6	32.6	2,283
☐ ESP EPDM 4 kV 3x4 AWG	4	21.2	29.1	1,771
☐ ESP EPDM 4 kV 3x6 AWG	4	13.3	26.8	1,424
EPDM inner jacket · 5 kV 4 sizes				
☐ ESP EPDM 5 kV 3x1 AWG	5	42.4	35.2	2,672
☐ ESP EPDM 5 kV 3x2 AWG	5	33.6	33.4	2,351
☐ ESP EPDM 5 kV 3x4 AWG	5	21.2	30.0	1,833
☐ ESP EPDM 5 kV 3x6 AWG	5	13.3	27.6	1,483

– Nominal dimensions and weights are reference values, not a supplied-product tolerance or a current rating.

Standards and approvals

Certifications

Management systems: ISO 9001, ISO 14001, ISO 45001

Request a quotation

Send the size, length and destination. An application engineer replies within 2 business hours.

WhatsApp / phone
+86 185 9591 3361

Email
info@tebaoflex.com

Web
tebaoflex.com/cables/149-c-round-esp-downhole-pump-cable

Typical values for this cable type, based on Order-specific design. Values for your order are confirmed in the quotation. Subject to change without notice. Jiangsu Tebaoflex Special Cable Co., Ltd., Taicang, Jiangsu, China.