

1. Record Nr.	UNINA9910520209703321
Titolo	184_1017.2-2021 - IEEE Recommended Practice for Specifying Electric Submersible Pump Cable--Ethylene-Propylene Rubber Insulation // Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	New York, USA : , : IEEE, , 2022
ISBN	1-5044-8000-7
Descrizione fisica	1 online resource (44 pages)
Disciplina	621.31934
Soggetti	Electric cables
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Minimum requirements for the design, construction, manufacturing, testing, purchasing, and application of electric submersible pump (ESP) cable are presented. The cable is round or flat, with ethylene-propylene rubber insulation, nitrile jacket, ethylene-propylene diene monomer (EPDM) jacket or metallic barrier, and armor or encapsulating material. These cables are for voltages not exceeding 8 kV (phase to phase) and conductor temperatures not exceeding 140 °C (284 °F) for nitrile or a maximum of 232 °C (450 °F) for EPDM jacket or metallic barrier cable. Conductors, insulation, barrier (optional), assembly with or without jacket, armor, requirements for testing by the manufacturer, and cable ampacity are all covered in the document.</p>