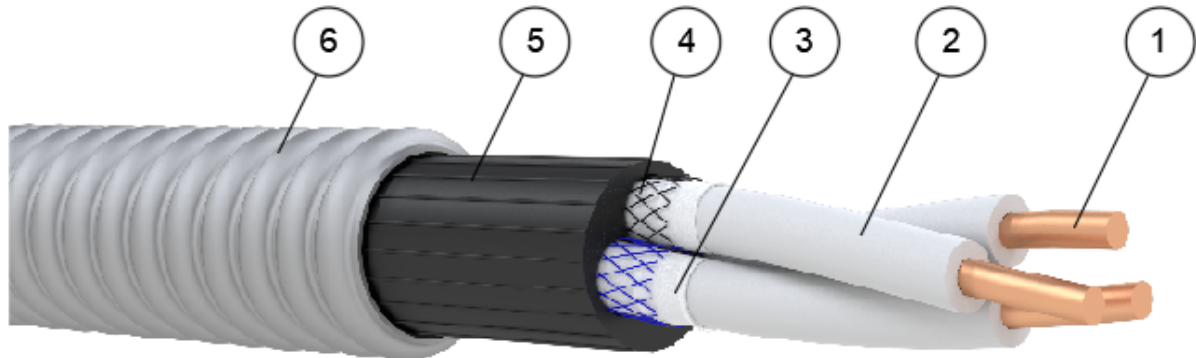


ESP POWER CABLE

5 kV



APPLICATION	
Electric submersible pumps (ESP) Moderately gassy wells High-temperature applications	
DESIGN	
1.	Solid or concentric-stranded annealed , coated or uncoated copper conductor
2.	EPR (Ethylene –propylene rubber) insulation
3.	Fluoropolymer Tape
4.	Synthetic Braid.
5.	EPDM Rubber Sheath
6.	Interlocking galvanized steel tapes armor (0.025” thickness)
STANDART : IEEE1017	
FEATURES	
• Rated at 105°C wet or dry • Excellent heat and moisture resistance • Outstanding corona resistance • Flexibility for easy handling • High dielectric strength • Low moisture absorption • Electrical stability under stress • Low dielectric loss • Chemical- and radiation-resistant • Excellent crush resistance • Cost-effective alternative to installations in conduit • Meets cold bend test at -40°C • 105°C rating for continuous operation • 140°C rating for emergency overload conditions • 250°C rating for short circuit conditions • Sunlight-resistant for CT use	

Customer- Project	Type of Document	Doc. No.
	Technical Specification	2021-06-TS-03

Date.	Rev.	Page
Mar.17	01	1/1

Size	Conductor Strands	Conductor Diameter	Insulation Thickness	Overall Diameter	Weight
AWG		mm	mm	mm	Kg/km
1	7	8,33	2,29	38,50	2880
1	1	7,35	2,29	36,00	2680
2	7	7,42	2,29	36,50	2500
2	1	6,54	2,29	34,50	2380
4	1	5,19	2,29	31,50	1825
6	1	4,11	2,29	29,50	1490

Customer- Project	Type of Document	Doc. No.
	Technical Specification	2021-06-TS-03

Date.	Rev.	Page
Mar.17	01	2/1