

Product Overview

EPR/CSPE cables are designed to provide superior durability, electrical performance, and environmental resistance in cathodic protection applications. Featuring an Ethylene Propylene Rubber (EPR) insulation and a Chlorosulfonated Polyethylene (CSPE) jacket, these cables offer exceptional flexibility, high dielectric strength, and excellent resistance to moisture, chemicals, and UV exposure.

Ideal for harsh environments, EPR/CSPE cables ensure reliable current transmission to anodes while withstanding extreme temperatures and mechanical stresses. Their robust construction makes them a preferred choice for underground, marine, and industrial cathodic protection systems, ensuring long-term performance and corrosion prevention.



Description

Specifications

Conductor	Strand of annealed bare or tinned copper wire in accordance with ICEA S-96-659/NEMA WC 71 and IEC 60228
Separator	Extruded semiconductive material in accordance with ICEA S-96-659/NEMA WC 71
Insulation	EI4 type cross-linked elastomeric compound, EPR
Sheath	CSPE-HD material in accordance with ICEA S-96-659/NEMA WC 71
Operating Characteristics	
Rated Voltage	600/1000V (U ₀ /U)
AC Test Voltage	4kV
Operating Temperature	-20°C - +90°C

Cross Section Options (mm ²)	Nominal Overall Diameter (mm)	Approx. Weight (kg/km)	Min. Bending Radius (mm)	Max. Resistance of Conductors at 20°C (ohm/km)
1x10	11,50	215	1,95	35
1x16	13,00	296	1,24	52
1x25	15,60	429	0,795	62
1x35	16,50	531	0,565	66



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