



Siechem ATC Flexible Conductor, EBXL - EPR/EPDM Insulated, Overall ATC Screened XLPO Sheathed Marine Cable as per IEC 60092-353

Application

- Power, Lightning, Control & Communication and Instrumentation circuits in surface ships and submarines.
- Used in fuel and lubrication oils, hydraulic fluids and water surfaces.
- Ship systems & equipments and weapon systems & equipments.

Product Construction

- Conductor : Annealed Tinned Copper Flexible Class-5
- Insulation : EBXL - EPR/EPDM
- Inner Sheath : SHF2 (XLPO)
- Braiding : ATC
- Binder tape : PE Black tape / Polyester tape
- Outer Sheath : SHF2 (XLPO)

Technical Data

- Temperature Range : - 30°C to +125°C
- Rated Voltage (U₀/U) : 0.6/1kV
- Specification : IEC 60092-353

Features

- Superior resistance to oil, abrasion, moisture, sunlight, mud, crush and impact
- Halogen free
- Super-flexible at 4/0 AWG and larger
- Meets IEEE standards for 600V / IEC standards for 0.6/1kV

ISO 9001	ISO 14001	AS 9100	ISO 45001	CE
IRS 	REACH COMPLIANT 	RoHS COMPLIANT 	Lloyd's Register 	ABS



Part Number	Number of Cores and mm ² Per Conductor	Insulation Thickness (mm)	Nominal Thickness Inner Sheath (mm)	Braiding wire dia (Nom.)	Nom. Thickness of Sheath	Outer Diameter in mm approx.	Max. Conductor Resistance at 20°C (Ω/km)	Total Weight Kg/Km approx.
906E1302	2C x 1.5	1.0	1.0	0.2	1.2	14.0	13.7	280
906E1602	2C x 2.5	1.0	1.0	0.2	1.2	15.0	8.21	325
906E1902	2C x 4	1.0	1.0	0.2	1.3	16.0	5.09	390
906E2302	2C x 6	1.0	1.0	0.3	1.3	18.0	3.39	510
906E2702	2C x 10	1.0	1.0	0.3	1.4	20.0	1.95	660
906E1303	3C x 1.5	1.0	1.0	0.2	1.2	14.5	13.7	310
906E1603	3C x 2.5	1.0	1.0	0.2	1.3	16.0	8.21	380
906E1903	3C x 4	1.0	1.0	0.3	1.3	17.5	5.09	500
906E1304	4C x 1.5	1.0	1.0	0.3	1.3	16.5	13.7	410
906E1604	4C x 2.5	1.0	1.0	0.3	1.3	17.5	8.21	490
906E1904	4C x 4	1.0	1.2	0.3	1.3	19.5	5.09	610
906E2304	4C x 16	1.0	1.2	0.3	1.6	26.0	1.24	1305
906E1307	7C x 1.5	1.0	1.2	0.3	1.4	19.0	13.7	565
906E1307	12C x 1.5	1.0	1.2	0.3	1.5	24.0	13.7	850

