



Siechem Single Core APC Flexible Conductor, EBXL - XLPE Insulated, 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 Plain Copper flexible Class-5
- Insulation : EBXL - XLPE
- Outer Sheath : SHF2 (XLPO)

Technical Data

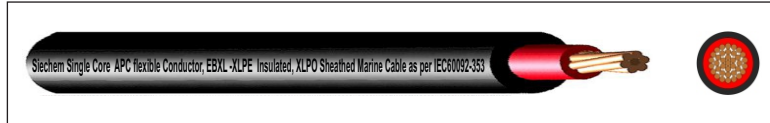
- Temperature Range : - 30°C to +125°C
- Rated Voltage (U₀/U) : 0.6/1kV
- Specification : IEC 60092-353

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	RoHS COMPLIANT	Lloyd's Register	ABS



Part Number	No. of Cores and mm ² Per Conductor	No. of Strands Nom.	Strand Diameter mm (Max.)	Insulation Thickness mm (Nom.)	Outersheath Thickness mm (Nom.)	Max. conductor Resistance Ω/Km	Outer Diameter in approx.(mm)	Total Weight Kg/Km approx.
903S130404	1 x 1.5	30	0.26	0.7	1.0	13.3	5.7	45
903S160404	1 x 2.5	50	0.26	0.7	1.0	7.98	6.0	55
903S190404	1 x 4	56	0.31	0.7	1.0	4.95	6.6	75
903S230404	1 x 6	84	0.31	0.7	1.0	3.30	7.2	100
903S270404	1 x 10	80	0.41	0.7	1.0	1.91	8.3	140
903S280404	1x16	126	0.41	0.7	1.1	1.21	9.4	205
903S300404	1x25	196	0.41	0.9	1.1	0.780	11.2	310
903S320404	1x35	276	0.41	0.9	1.2	0.554	12.4	410
903S340404	1x50	396	0.41	1.0	1.3	0.386	14.3	565
903S370404	1 x 70	360	0.51	1.1	1.3	0.272	16.4	770
903S380404	1 x 95	475	0.51	1.1	1.4	0.206	18.1	1010
903S410404	1x120	608	0.51	1.2	1.5	0.161	20.3	1270
903S420404	1 x 150	756	0.51	1.4	1.6	0.129	22.4	1580
903S440404	1 x 185	925	0.51	1.6	1.7	0.0801	24.8	1940
903S460404	1 x 240	1221	0.51	1.7	1.8	0.0641	27.8	2485
903S480404	1 x 300	1525	0.5	1.8	1.8	0.0486	30.6	3070

