



Siechem Multicore APC Conductor, EBXL - XLPE Insulated, 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 Plain Copper flexible Class-5
- Insulation : EBXL - XLPE
- Inner Sheath : SHF2 (XLPO)
- Braiding : ATC
- Binder tape : PE Black tape/Polyster 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	No. of Strands Nom.	Strand Diameter mm (Nom.)	Insulation Thickness mm (Nom.)	Innersheath Thickness mm (Nom.)	Braiding Wire dia mm (Nom.)	Outersheath Thickness mm (Nom.)	Outer Diameter mm approx.	Total Weight Kg/Km approx.
904E1302	2C X 1.5	30	0.25	0.7	1.0	0.2	1.1	12.5	230
904E1602	2C X 2.5	50	0.25	0.7	1.0	0.2	1.2	13.5	275
904E3802	2C X 4	56	0.3	0.7	1.0	0.2	1.2	15.0	330
904E2302	2C X 6	84	0.3	0.7	1.0	0.3	1.3	16.5	445
904E2702	2C X 10	80	0.4	0.7	1.0	0.3	1.3	18.5	590
904E2802	2C X 16	126	0.4	0.7	1.0	0.3	1.4	20.5	775
904E3002	2C X 25	196	0.4	0.9	1.0	0.3	1.5	24.5	1100
904E3202	2C X 35	276	0.4	0.9	1.0	0.3	1.6	27.0	1390
904E3402	2C X 50	396	0.4	1.0	1.0	0.3	1.7	30.5	1840
904E3702	2C X 70	360	0.5	1.1	1.0	0.3	1.9	34.5	2420
904E3802	2C X 95	475	0.5	1.1	1.2	0.3	2.0	39.0	3110
904E4102	2C X 120	608	0.5	1.2	1.2	0.4	2.2	43.0	3925
904E4202	2C X 150	756	0.5	1.4	1.2	0.4	2.3	47.0	4780
904E4402	2C X 185	925	0.5	1.6	1.4	0.4	2.5	53.0	5890
904E4602	2C X 240	1221	0.5	1.7	1.4	0.4	2.7	59.0	7385
904E4802	2C X 300	1525	0.5	1.8	1.4	0.4	2.8	64.0	8960
904E1303	3C X 1.5	30	0.25	0.7	1.0	0.2	1.2	13.0	265
904E1603	3C X 2.5	50	0.25	0.7	1.0	0.2	1.2	14.0	320
904E3803	3C X 4	56	0.3	0.7	1.0	0.2	1.2	15.5	400
904E2303	3C X 6	84	0.3	0.7	1.0	0.3	1.3	17.5	530
904E2703	3C X 10	80	0.4	0.7	1.0	0.3	1.4	19.5	710
904E2803	3C X 16	126	0.4	0.7	1.0	0.3	1.5	22.0	960
904E3003	3C X 25	196	0.4	0.9	1.0	0.3	1.6	26.0	1370
904E3203	3C X 35	276	0.4	0.9	1.0	0.3	1.7	28.5	1760
904E3403	3C X 50	396	0.4	1.0	1.0	0.3	1.8	32.5	2340
904E3703	3C X 70	360	0.5	1.1	1.2	0.3	2.0	37.5	3155
904E3803	3C X 95	475	0.5	1.1	1.2	0.4	2.1	41.5	4135
904E4103	3C X 120	608	0.5	1.2	1.2	0.4	2.3	46.0	5070
904E4203	3C X 150	756	0.5	1.4	1.4	0.4	2.4	51.0	6270
904E4403	3C X 185	925	0.5	1.6	1.4	0.4	2.6	56.0	7645
904E4603	3C X 240	1221	0.5	1.7	1.4	0.4	2.8	62.5	9625
904E4803	3C X 300	1525	0.5	1.8	1.4	0.4	3.0	68.5	11730



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904E1304	4C X 1.5	30	0.25	0.7	1.0	0.3	1.3	15.0	345
904E1604	4C X 2.5	50	0.25	0.7	1.0	0.3	1.4	16.0	420
904E3804	4C X 4	56	0.3	0.7	1.0	0.3	1.4	17.5	515
904E2304	4C X 6	84	0.3	0.7	1.0	0.3	1.5	19.0	640
904E2704	4C X 10	80	0.4	0.7	1.0	0.3	1.6	21.5	860
904E2804	4C X 16	126	0.4	1.0	1.0	0.3	1.6	24.0	1170
904E3004	4C X 25	196	0.4	1.4	1.0	0.3	1.8	28.5	1690
904E3204	4C X 35	276	0.4	1.6	1.0	0.3	1.9	31.5	2175
904E3404	4C X 50	396	0.4	1.7	1.0	0.3	2.0	36.0	2920
904E3704	4C X 70	360	0.5	1.8	1.2	0.4	2.3	42.0	4050
904E3804	4C X 95	475	0.5	1.1	1.2	0.4	2.4	46.0	5180
904E4104	4C X 120	608	0.5	1.2	1.4	0.4	2.6	51.5	6430
904E4204	4C X 150	756	0.5	1.4	1.4	0.4	2.8	56.5	7875
904E4404	4C X 185	925	0.5	1.6	1.4	0.4	3.0	62.5	9620
904E4604	4C X 240	1221	0.5	1.7	1.6	0.4	3.2	70.5	12230
904E4804	4C X 300	1525	0.5	1.8	1.6	0.4	3.4	77.0	14940
904E1305	5C X 1.5	30	0.25	0.7	1.0	0.3	1.4	17.0	425
904E1605	5C X 2.5	50	0.25	0.7	1.0	0.3	1.5	18.5	520
904E3805	5C X 4	56	0.3	0.7	1.0	0.3	1.5	20.0	645
904E2305	5C X 6	84	0.3	0.7	1.0	0.3	1.6	22.0	800
904E2705	5C X 10	80	0.4	0.7	1.0	0.3	1.7	25.0	1090
904E2805	5C X 16	126	0.4	1.0	1.0	0.3	1.8	28.5	1495
904E3005	5C X 25	196	0.4	1.4	1.0	0.3	2.0	34.0	2165
904E3205	5C X 35	276	0.4	1.6	1.0	0.4	2.1	38.0	2898
904E3405	5C X 50	396	0.4	1.7	1.2	0.4	2.3	44.0	3930
904E1307	7C X 1.5	30	0.25	0.7	1.0	0.3	1.4	17.0	500
904E1312	12C X 1.5	30	0.25	0.7	1.0	0.3	1.5	21.0	730

