

**Siechem Annealed Tinned Copper Conductor, XLPE 90°C Insulated & CSPE Sheathed 600 V rated Cable**

**Application**

- ✓ Power Cable is a 600 V, insulated dual wall, single conductor class IE rated wire construction specifically designed for application in nuclear generating station and where additional jacketing protection is required.
- ✓ For use in Class IE low voltage Power and lighting functions where optimum performance is required
- ✓ May be installed in trays, conduit, ducts, or direct buried.

**Features**




- ✓ Traceable
- ✓ Radiation stability
- ✓ Long term moisture
- ✓ Long term thermal endurance
- ✓ Stripping for ease of termination
- ✓ Radiation resistant up to 200 megarads

**Product Construction**

- ✓ Conductor : Annealed Tinned Copper  
Conductor as per ASTM B33
- ✓ Insulation : Cross Linked Polyethylene (EBXL-XLPE 90°C)
- ✓ Outer sheath : Heavy duty chlorosulporated polyethylene (CSPE)

**Technical Data**

- ✓ Rated voltage : 600 V
- ✓ Temperature rating : 90°C
- ✓ Specification : (1) Class IE Qualified in accordance with IEEE 323-1974 and IEEE 383-1974  
(2) ICEA S-95-658 (formerly ICEA S-66-524 & S-19-81)
- ✓ FlameTest : IEEE 383 (70,000 BTU/hr)  
ICEA T-29-520 (210,000 BTU/hr)  
UL VW-1

<b>ISO 9001</b>	<b>ISO 14001</b>	<b>ISO/TS 16949</b>	<b>OHSAS 18001</b>	<b>AS 14001</b>	<b>ISO 45001</b>			
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Part Number	Cond. Size (AWG)	No. of Strands/ Strand dia	Insulation Thickness (Nom.)	Outer Sheath Thickness	Cable Diameter (Nom.)	Cable Weight (approx.)
			mm	mm	mm	kg/km
95379XX	14	7/0.615	0.76	0.38	4.19	34
95378XX	12	7/0.775	0.76	0.38	4.67	48
95377XX	10	7/0.978	0.76	0.38	5.26	69
95376XX	8	7/1.234	1.14	0.38	6.81	112
95375XX	6	7/1.554	1.14	0.76	8.53	177
95374XX	4	7/1.961	1.14	0.76	9.73	260
95373XX	2	7/2.474	1.14	0.76	11.2	388
95372XX	1	19/1.687	1.40	1.14	13.5	506
95390XX	1/0	19/1.892	1.40	1.14	14.5	620
95391XX	2/0	19/2.126	1.40	1.14	15.6	760
95392XX	3/0	19/2.388	1.40	1.14	16.9	935
95394XX	4/0	19/2.68	1.40	1.14	18.3	1154
95341XX	250	37/2.088	1.65	1.65	21.1	1410
95344XX	350	37/2.471	1.65	1.65	23.7	1911
95346XX	500	37/2.951	1.65	1.65	27.0	2653
95349XX	750	61/2.817	2.03	1.65	32.3	3915
95350XX	1000	61/3.251	2.03	1.65	36.1	5131

