

Siechem Annealed Tinned Copper Conductor, XLPE 90°C Insulated 600 V rated Cable

Application

- ✓ Power Cable is a 600 V, insulated heavy wall, single conductor class IE rated wire for use in demanding application without additional jacketing protection in nuclear generating stations and where flame retardancy is critical
- ✓ 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
- ✓ Flame retardant
- ✓ 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)

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

ISO 9001	ISO 14001	ISO/TS 16949	OHSAS 18001	AS 14001	ISO 45001			
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Part Number	Cond. Size (AWG)	No of strands/ Strand dia	Insulation Thickness (Nom.)	Cable Diameter (Nom.)	Cable Weight (approx.)
			mm	mm	kg/km
95279XX	14	7/0.615	1.14	4.14	33
95278XX	12	7/0.775	1.14	4.62	47
95277XX	10	7/0.978	1.14	5.21	68
95276XX	8	7/1.234	1.52	6.76	110
95275XX	6	7/1.554	1.52	7.70	162
95274XX	4	7/1.961	1.52	8.89	242
95273XX	2	7/2.474	1.52	10.4	368
95272XX	1	19/1.687	2.03	12.4	474
95290XX	1/0	19/1.892	2.03	13.4	585
95291XX	2/0	19/2.126	2.03	14.5	723
95292XX	3/0	19/2.388	2.03	15.8	894
95294XX	4/0	19/2.68	2.03	17.2	1110
95241XX	250	37/2.088	2.41	19.2	1323
95244XX	350	37/2.471	2.41	21.8	1813
95246XX	500	37/2.951	2.41	25.0	2540
95249XX	750	61/2.817	2.79	30.5	3783
95250XX	1000	61/3.251	2.79	34.3	4983

