

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

Application

- ✓ SIS is a 600 V single conductor, insulated, class IE rated switchboard wire
- ✓ For use in Class IE low voltage applications in operation and interconnection of protective devices where optimum performance is required

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)
- ✓ Flame test : 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
95081XX	18	7/0.386	0.76	2.69	14
95080XX	16	7/0.488	0.76	2.95	19
95079XX	14	7/0.615	0.76	3.33	28
95078XX	12	7/0.775	0.76	3.81	41
95077XX	10	7/0.978	0.76	4.39	60
95076XX	8	7/1.234	1.14	5.92	100
95075XX	6	7/1.554	1.14	6.86	151
95074XX	4	7/1.834	1.14	8.05	229
95073XX	2	7/2.474	1.14	9.55	353
95072XX	1	19/1.687	1.40	11.0	444
95090XX	1/0	19/1.892	1.40	12.0	552
95091XX	2/0	19/2.126	1.40	13.2	687
95092XX	3/0	19/2.388	1.40	14.4	856
95094XX	4/0	19/2.680	1.40	15.9	1067
95041XX	250	37/2.088	1.65	17.6	1268
95044XX	350	37/2.471	1.65	20.2	1750
95046XX	500	37/2.951	1.65	23.4	2468
95049XX	750	61/2.817	2.03	28.8	3691
95050XX	1000	61/3.251	2.03	32.6	4879



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