

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

Application

- ✓ SIS is a 600 V flexible 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
95181XX	18	16/0.254	0.76	2.69	14
95180XX	16	26/0.254	0.76	2.97	19
95179XX	14	41/0.254	0.76	3.33	27
95178XX	12	65/0.254	0.76	3.76	40
95177XX	10	105/0.254	0.76	4.37	61
95176XX	8	133/0.282	1.14	6.45	105
95175XX	6	133/0.356	1.14	7.52	156
95174XX	4	133/0.450	1.14	8.89	239
95173XX	2	133/0.566	1.14	10.6	363
95172XX	1	259/0.457	1.40	12.0	465
95190XX	1/0	259/0.513	1.40	13.1	574
95191XX	2/0	259/0.577	1.40	14.4	715
95192XX	3/0	259/0.648	1.40	15.9	892
95194XX	4/0	259/0.726	1.40	18.1	1110
95141XX	250	427/0.615	1.65	19.2	1321
95144XX	350	427/0.726	1.65	22.1	1817
95146XX	500	427/0.869	1.65	26.2	2572
95149XX	750	703/0.831	2.03	32.6	3886
95150XX	1000	703/0.958	2.03	36.9	5120

