XLPE - Type SIS/3320 (SIS/AWM)

Switchboard Wire

UL: 90°C, 600V, VW-1

CSA: 90°C, 600V, FT2

IEWC Part Number	AWG	Stranding	Nominal Insulation Thickness		Nominal O.D.		Approx. Weight		UL Type	CSA Type
			in	mm	in	mm	lbs/1k ft	kg/km		
SIS18	18	7/.0152	0.030	0.8	0.115	2.9	10	15	3320	AWM I A/B
		16/30	0.030	0.8	0.115	2.9	10	15	3320	AWM I A/B
SIS16	16	7/.0192	0.030	0.8	0.119	3.0	14	21	3320	AWM I A/B
		26/30	0.030	0.8	0.119	3.0	14	21	3320	AWM I A/B
SIS14	14	7/.0242	0.030	0.8	0.137	3.5	20	30	SIS	SIS
		19/.0147	0.030	0.8	0.137	3.5	20	30	SIS	SIS
		41/30	0.030	0.8	0.141	3.6	20	30	SIS	SIS
SIS12	12	7/.0305	0.030	0.8	0.160	4.1	28	34	SIS	SIS
		19/.0184	0.030	0.8	0.157	4.0	30	45	SIS	SIS
		65/30	0.030	0.8	0.160	4.1	28	34	SIS	SIS
SIS10	10	7/.0385	0.030	0.8	0.190	4.8	40	60	SIS	SIS
		19/.0234	0.030	0.8	0.181	4.6	42	63	SIS	SIS
		105/30	0.030	0.8	0.190	4.8	40	60	SIS	SIS
SIS08	8	19/.0295	0.045	1.1	0.239	6.1	75	112	SIS	SIS
		133/29	0.045	1.1	0.270	6.9	73	108	SIS	SIS
SIS06	6	19/.0372	0.060	1.5	0.313	8.0	144	214	SIS	SIS
		133/27	0.060	1.5	0.330	8.4	117	174	SIS	SIS
SIS04	4	19/.0469	0.060	1.5	0.363	9.2	200	298	SIS	SIS
		133/25	0.060	1.5	0.388	9.9	185	275	SIS	SIS
SIS02	2	133/.0223	0.060	1.5	0.453	11.5	255	379	SIS	SIS
SIS01	1	133/.0251	0.080	2.0	0.540	13.7	345	513	SIS	SIS
SIS1/0	1/0	133/.0282	0.080	2.0	0.605	15.4	425	632	SIS	SIS
SIS2/0	2/0	133/.0316	0.080	2.0	0.640	16.3	400	595	SIS	SIS
SIS3/0	3/0	259/.0254	0.080	2.0	0.705	17.9	635	945	SIS	SIS
SIS4/0	4/0	259/.0286	0.080	2.0	0.785	19.9	762	1134	SIS	SIS

Notes

- Soft-annealed tinned copper conductor
- Chemically cross-linked polyethylene (XLPE) insulation
- A variety of insulation colors available

Alternative Constructions

- Soft-annealed, bare copper conductor
- Shielded constructions

Available Certifications

UL: XHHW-2, RHH, RFH-2, FFH-2, Non-VW-1

RoHS Compliant

Applications

For use in control panel and switchgear applications. Rated for continuous use up to 90°C. Operates in wet/dry locations per NEC article 384 paragraph 310 and not useable in conduit duct or pipe per article 384-4.