





# Space Cable, Surprenant™ Lo-Flo

A - U23 (Jacketed), S23 (Shielded, Jacketed)  
Cross-Linked ETFE - 600V, 200°C

Type A: Lightweight

Part Numbering System					
SLF50/	2	A	30	S	23
Cable Type	No. of Conductors	Component Type	AWG	Shield	Jacket

Type: U23 (Unshielded, Jacketed)

Part Number*	Conductor			Material	Conductor Resistance @20°C		Nom. Diameter		Weight		
	Size		Strand-ing		Ω/kft	Ω/km	Inch	mm	lbs/kft	kg/km	
	AWG	mm <sup>2</sup>									
SLF50/2A-30U23	30	.06	7	SA	156	512	.063	1.60	2.8	.42	
SLF50/3A-30U23	30	.06	7		156	512	.067	1.70	3.7	.55	
SLF50/4A-30U23	30	.06	7		156	512	.078	1.98	4.6	.69	
SLF50/2A-28U23	28	.09	7		74.4	244	.069	1.75	3.5	.52	
SLF50/3A-28U23	28	.09	7		74.4	244	.073	1.85	4.7	.71	
SLF50/4A-28U23	28	.09	7		74.4	244	.081	2.06	5.9	.89	
SLF50/2A-26U23	26	.15	19		45.7	150	.079	2.01	5.1	.77	
SLF50/3A-26U23	26	.15	19		45.7	150	.084	2.13	6.8	1.03	
SLF50/4A-26U23	26	.15	19		45.7	150	.093	2.36	8.7	1.31	
SLF50/2A-24U23	24	.24	19		28.4	93.2	.089	2.26	6.5	.98	
SLF50/3A-24U23	24	.24	19		28.4	93.2	.095	2.41	9.1	1.36	
SLF50/4A-24U23	24	.24	19		28.4	93.2	.106	2.69	11.6	1.74	
SLF50/2A-22U23	22	.38	19		SC	15.1	49.5	.102	2.59	8.8	1.32
SLF50/3A-22U23	22	.38	19			15.1	49.5	.109	2.77	12.2	1.83
SLF50/2A-20U23	20	.62	19	9.19		30.2	.118	3.00	12.7	1.91	
SLF50/3A-20U23	20	.62	19	9.19		30.2	.125	3.18	17.8	2.68	
SLF50/2A-18U23	18	.96	19	5.79		19.0	.138	3.51	18.0	2.71	
SLF50/3A-18U23	18	.96	19	5.79		19.0	.147	3.73	25.8	3.86	
SLF50/2A-16U23	16	1.23	19	4.52		14.8	.154	3.91	22.4	3.36	
SLF50/3A-16U23	16	1.23	19	4.52		14.8	.164	4.17	32.2	4.83	

Type: S23 (Shielded, Jacketed)

Part Number*	Conductor			Material	Conductor Resistance @20°C		Nom. Diameter		Weight		
	Size		Strand-ing		Ω/kft	Ω/km	Inch	mm	lbs/kft	kg/km	
	AWG	mm <sup>2</sup>									
SLF50/1A-30S23-X	30	.06	7	SA	156	512	.057	1.45	3.4	.51	
SLF50/2A-30S23	30	.06	7		156	512	.081	2.05	5.4	.81	
SLF50/3A-30S23	30	.06	7		156	512	.085	2.15	6.5	.98	
SLF50/1A-28S23-X	28	.09	7		74.4	244	.060	1.52	3.9	.59	
SLF50/2A-28S23	28	.09	7		74.4	244	.087	2.20	6.3	.95	
SLF50/3A-28S23	28	.09	7		74.4	244	.091	2.30	7.8	1.17	
SLF50/1A-26S23-X	26	.15	19		45.7	150	.065	1.65	4.6	.69	
SLF50/2A-26S23	26	.15	19		45.7	150	.097	2.45	7.9	1.19	
SLF50/3A-26S23	26	.15	19		45.7	150	.102	2.58	9.9	1.49	
SLF50/1A-24S23-X	24	.24	19		28.4	93.2	.070	1.78	5.5	.83	
SLF50/2A-24S23	24	.24	19		28.4	93.2	.107	2.71	9.8	1.47	
SLF50/3A-24S23	24	.24	19		28.4	93.2	.113	2.86	12.4	1.86	
SLF50/1A-22S23-X	22	.38	19		SC	15.1	49.5	.076	1.93	7.1	1.07
SLF50/2A-22S23	22	.38	19			15.1	49.5	.119	3.01	12.2	1.83
SLF50/1A-20S23-X	20	.62	19	9.19		30.2	.084	2.13	9.2	1.38	
SLF50/2A-20S23	20	.62	19	9.19		30.2	.135	3.42	16.5	2.48	
SLF50/1A-18S23-X	18	.96	19	5.79		19.0	.094	2.39	12.3	1.85	
SLF50/2A-18S23	18	.96	19	5.79		19.0	.155	3.92	22.5	3.38	
SLF50/1A-16S23-X	16	1.23	19	4.52		14.8	.102	2.59	14.8	2.22	
SLF50/2A-16S23	16	1.23	19	4.52		14.8	.171	4.33	27.3	4.10	

### APPROVALS AND RATINGS

Temperature Rating: -100°C to 200°C,  
600 volt.

X = color. See page 67 for color designator.

The above part numbers represent the more popular constructions. However, other designs are available upon request.

All products are manufactured to meet RoHS compliance. For exceptions, please contact our sales department.

\* Singles shall be white and cables shall follow M27500 preferred identification method unless specified by customer.

