

D-F1S-STF LSI 155 / LSI 155

600V
-65°C/+150°C

Shielded signal cable

Voltage	0.6/1kV AC U ₀ /U
Test voltage	5kV AC
Flame retardant	
Low smoke generation	
•	Def Stan 61-12 Part 33/001

* Sizes 24 AWG and 26 AWG use Silver Plated High Strength Alloy (HSA), designated 'D-F1P'

Construction

Conductor	Silver Plated Copper (SPC) *	Insulation	LSI 155
Shield(s)	Braid of Silver Plated Copper (S)	Sheath	LSI 155
Core colour	1 Rd 2 Bl 3 Yw 4 Gn	Sheath	White
Marking	To Def Stan 61-12 Part 33/001, includes country (DE/SE) and manufacturer's reference (HC) e.g.: DSP33/001-1P-001-1SJ-9-DE-HC-12		

Application

LSI 155 is a thin wall insulation and jacket material intended for applications up to 150°C (although it can be rated to +200°C for a duration of 10,000 hours). Designed primarily for use in the military and aviation industries, cores and cables are fully approved to Defence Standard 61-12 Part 33/001.

Description	Construction								Electrical	NSN	Article Number
	no. / size AWG	conductor Ø	insulation Ø	cabled Ø	shield/s Ø	sheath/s max Ø	weight max g/m	amps at 40°C max		6145-99-	
D-F1S 001 STF 1	1x 26	0.48	0.78	-	1.23	1.58	6.05	6.7		038-4154	61903-841-54
D-F1S 002 STF 1	1x 24	0.60	0.87	-	1.32	1.69	7.02	9.0		038-4155	61903-841-55
D-F1S 004 STF 1	1x 22	0.75	1.04	-	1.49	1.87	8.94	12.1		038-4156	61903-841-56
D-F1S 006 STF 1	1x 20	0.99	1.28	-	1.73	2.11	12.31	16.8		038-4157	61903-841-57
D-F1S 010 STF 1	1x 18	1.25	1.53	-	1.98	2.37	16.40	22.9		038-4158	61903-841-58
D-F1S 012 STF 1	1x 16	1.37	1.68	-	2.13	2.61	21.12	27.1		038-4159	61903-841-59
D-F1S 020 STF 1	1x 14	1.75	2.05	-	2.50	2.90	26.76	37.0		038-4160	61903-841-60
D-F1S 030 STF 1	1x 12	2.20	2.50	-	2.95	3.39	38.50	50.2		038-4161	61903-841-61
D-F1S 001 STF 2	2x 26	0.48	0.78	1.56	2.01	2.41	10.43	6.3		038-4162	61903-841-62
D-F1S 002 STF 2	2x 24	0.60	0.87	1.82	2.19	2.62	12.68	8.5		038-4163	61903-841-63
D-F1S 004 STF 2	2x 22	0.75	1.04	2.16	2.53	2.98	16.50	11.5		038-4164	61903-841-64
D-F1S 006 STF 2	2x 20	0.99	1.28	2.70	3.01	3.50	23.35	15.9		038-4165	61903-841-65
D-F1S 010 STF 2	2x 18	1.25	1.53	3.18	3.51	4.02	31.62	21.7		038-4166	61903-841-66
D-F1S 012 STF 2	2x 16	1.37	1.68	3.64	3.81	4.50	41.18	25.7		038-4167	61903-841-67
D-F1S 020 STF 2	2x 14	1.75	2.05	4.08	4.55	5.09	52.76	35.1		038-4168	61903-841-68
D-F1S 030 STF 2	2x 12	2.20	2.50	5.08	5.45	6.04	76.51	47.7		038-4169	61903-841-69
D-F1S 001 STF 3	3x 26	0.48	0.78	1.68	2.13	2.63	14.16	5.9		038-4170	61903-841-70
D-F1S 002 STF 3	3x 24	0.60	0.87	1.96	2.32	2.79	16.92	7.9		038-4171	61903-841-71
D-F1S 004 STF 3	3x 22	0.75	1.04	2.32	2.69	3.21	22.56	10.7		038-4172	61903-841-72
D-F1S 006 STF 3	3x 20	0.99	1.28	2.91	3.20	3.74	32.08	14.8		038-4173	61903-841-73
D-F1S 010 STF 3	3x 18	1.25	1.53	3.42	3.74	4.30	44.03	20.1		038-4174	61903-841-74
D-F1S 012 STF 3	3x 16	1.37	1.68	3.92	4.07	4.84	58.32	23.8		038-4175	61903-841-75
D-F1S 020 STF 3	3x 14	1.75	2.05	4.39	4.86	5.46	74.89	32.5		038-4176	61903-841-76
D-F1S 030 STF 3	3x 12	2.20	2.50	5.47	5.83	6.45	109.33	44.2		038-4177	61903-841-77
D-F1S 001 STF 4	4x 26	0.48	0.78	1.88	2.33	2.83	17.38	5.3		038-4178	61903-841-78
D-F1S 002 STF 4	4x 24	0.60	0.87	2.20	2.55	3.08	21.44	7.2		038-4179	61903-841-79
D-F1S 004 STF 4	4x 22	0.75	1.04	2.60	2.96	3.51	28.46	9.7		038-4180	61903-841-80
D-F1S 006 STF 4	4x 20	0.99	1.28	3.26	3.54	4.10	40.85	13.4		038-4181	61903-841-81
D-F1S 010 STF 4	4x 18	1.25	1.53	3.84	4.14	4.75	56.84	18.3		038-4182	61903-841-82
D-F1S 012 STF 4	4x 16	1.37	1.68	4.39	4.50	5.33	75.17	21.7		038-4183	61903-841-83
D-F1S 020 STF 4	4x 14	1.75	2.05	4.92	5.39	6.04	97.36	29.6		038-4184	61903-841-84
D-F1S 030 STF 4	4x 12	2.20	2.50	6.13	6.63	7.18	143.29	40.2		038-4185	61903-841-85

