

D-F1T-STF LSI 155 / LSI 155

600V
-65°C/+135°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	Tin Plated Copper (TPC) *	Insulation	LSI 155
Shield(s)	Braid of Tin Plated Copper (T)	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	conductor	insulation	cabled	shield/s	sheath/s	weight	amps at 40°C max	6145-99-	
	AWG	Ø	Ø	Ø	Ø	max Ø	max g/m			
D-F1P 001 STF 1	1x 26	0.48	0.78	-	1.23	1.58	6.05	6.2	038-4016	61903-840-16
D-F1P 002 STF 1	1x 24	0.60	0.87	-	1.32	1.69	7.02	8.3	038-4017	61903-840-17
D-F1T 004 STF 1	1x 22	0.75	1.04	-	1.49	1.87	8.94	11.3	038-4018	61903-840-18
D-F1T 006 STF 1	1x 20	0.99	1.28	-	1.73	2.11	12.31	15.6	038-4019	61903-840-19
D-F1T 010 STF 1	1x 18	1.25	1.53	-	1.98	2.37	16.40	21.3	038-4020	61903-840-20
D-F1T 012 STF 1	1x 16	1.37	1.68	-	2.13	2.61	21.12	25.3	038-4021	61903-840-21
D-F1T 020 STF 1	1x 14	1.75	2.05	-	2.50	2.90	26.76	34.5	038-4022	61903-840-22
D-F1T 030 STF 1	1x 12	2.20	2.50	-	2.95	3.39	38.50	46.8	038-4023	61903-840-23
D-F1P 001 STF 2	2x 26	0.48	0.78	1.56	2.01	2.41	10.43	5.9	038-4024	61903-840-24
D-F1P 002 STF 2	2x 24	0.60	0.87	1.82	2.19	2.62	12.68	7.9	038-4025	61903-840-25
D-F1T 004 STF 2	2x 22	0.75	1.04	2.16	2.53	2.98	16.50	10.8	038-4026	61903-840-26
D-F1T 006 STF 2	2x 20	0.99	1.28	2.70	3.01	3.50	23.35	14.8	038-4027	61903-840-27
D-F1T 010 STF 2	2x 18	1.25	1.53	3.18	3.51	4.02	31.62	20.2	038-4028	61903-840-28
D-F1T 012 STF 2	2x 16	1.37	1.68	3.64	3.81	4.50	41.18	24.0	038-4029	61903-840-29
D-F1T 020 STF 2	2x 14	1.75	2.05	4.08	4.55	5.09	52.76	32.7	038-4030	61903-840-30
D-F1T 030 STF 2	2x 12	2.20	2.50	5.08	5.45	6.04	76.51	44.4	038-4031	61903-840-31
D-F1P 001 STF 3	3x 26	0.48	0.78	1.68	2.13	2.63	14.16	5.5	038-4032	61903-840-32
D-F1P 002 STF 3	3x 24	0.60	0.87	1.96	2.32	2.79	16.92	7.3	038-4033	61903-840-33
D-F1T 004 STF 3	3x 22	0.75	1.04	2.32	2.69	3.21	22.56	9.9	038-4034	61903-840-34
D-F1T 006 STF 3	3x 20	0.99	1.28	2.91	3.20	3.74	32.08	13.8	038-4035	61903-840-35
D-F1T 010 STF 3	3x 18	1.25	1.53	3.42	3.74	4.30	44.03	18.7	038-4036	61903-840-36
D-F1T 012 STF 3	3x 16	1.37	1.68	3.92	4.07	4.84	58.32	22.2	038-4037	61903-840-37
D-F1T 020 STF 3	3x 14	1.75	2.05	4.39	4.86	5.46	74.89	30.3	038-4038	61903-840-38
D-F1T 030 STF 3	3x 12	2.20	2.50	5.47	5.83	6.45	109.33	41.2	038-4039	61903-840-39
D-F1P 001 STF 4	4x 26	0.48	0.78	1.88	2.33	2.83	17.38	5.0	038-4040	61903-840-40
D-F1P 002 STF 4	4x 24	0.60	0.87	2.20	2.55	3.08	21.44	6.7	038-4041	61903-840-41
D-F1T 004 STF 4	4x 22	0.75	1.04	2.60	2.96	3.51	28.46	9.0	038-4042	61903-840-42
D-F1T 006 STF 4	4x 20	0.99	1.28	3.26	3.54	4.10	40.85	12.5	038-4043	61903-840-43
D-F1T 010 STF 4	4x 18	1.25	1.53	3.84	4.14	4.75	56.84	17.0	038-4044	61903-840-44
D-F1T 012 STF 4	4x 16	1.37	1.68	4.39	4.50	5.33	75.17	20.2	038-4045	61903-840-45
D-F1T 020 STF 4	4x 14	1.75	2.05	4.92	5.39	6.04	97.36	27.6	038-4046	61903-840-46
D-F1T 030 STF 4	4x 12	2.20	2.50	6.13	6.63	7.18	143.29	37.4	038-4047	61903-840-47

