

D-F1S-TF LSI 155 / LSI 155

600V
-65°C/+150°C

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)	-	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.: DSP33/001-1S-001-2J-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 TF 2	2x 26	0.48	0.78	1.56	-	2.04	5.34	6.3	379-1052	61937-910-52
D-F1S 002 TF 2	2x 24	0.60	0.87	1.82	-	2.22	6.80	8.5	378-4135	61937-841-35
D-F1S 004 TF 2	2x 22	0.75	1.04	2.16	-	2.56	10.14	11.5	378-4136	61937-841-36
D-F1S 006 TF 2	2x 20	0.99	1.28	2.70	-	3.10	15.78	15.9	378-4137	61937-841-37
D-F1S 010 TF 2	2x 18	1.25	1.53	3.18	-	3.58	22.81	21.7	378-4138	61937-841-38
D-F1S 012 TF 2	2x 16	1.37	1.68	3.64	-	4.04	28.46	25.7	378-4139	61937-841-39
D-F1S 020 TF 2	2x 14	1.75	2.05	4.08	-	4.98	43.74	35.1	378-4140	61937-841-40
D-F1S 030 TF 2	2x 12	2.20	2.50	5.08	-	5.94	67.36	47.7	378-4141	61937-841-41
D-F1S 001 TF 3	3x 26	0.48	0.78	1.68	-	2.17	7.47	5.9	379-1053	61937-910-53
D-F1S 002 TF 3	3x 24	0.60	0.87	1.96	-	2.37	9.60	7.9	378-4142	61937-841-42
D-F1S 004 TF 3	3x 22	0.75	1.04	2.32	-	2.73	14.52	10.7	378-4143	61937-841-43
D-F1S 006 TF 3	3x 20	0.99	1.28	2.91	-	3.32	22.84	14.8	378-4144	61937-841-44
D-F1S 010 TF 3	3x 18	1.25	1.53	3.42	-	3.83	33.25	20.1	378-4145	61937-841-45
D-F1S 012 TF 3	3x 16	1.37	1.68	3.92	-	4.33	40.95	23.8	378-4146	61937-841-46
D-F1S 020 TF 3	3x 14	1.75	2.05	4.39	-	5.41	65.07	32.5	378-4147	61937-841-47
D-F1S 030 TF 3	3x 12	2.20	2.50	5.47	-	6.38	99.41	44.2	378-4148	61937-841-48
D-F1S 001 TF 4	4x 26	0.48	0.78	1.88	-	2.38	9.79	5.3	379-1054	61937-910-54
D-F1S 002 TF 4	4x 24	0.60	0.87	2.20	-	2.60	13.12	7.2	378-4149	61937-841-49
D-F1S 004 TF 4	4x 22	0.75	1.04	2.60	-	3.01	19.41	9.7	378-4150	61937-841-50
D-F1S 006 TF 4	4x 20	0.99	1.28	3.26	-	3.67	29.94	13.4	378-4151	61937-841-51
D-F1S 010 TF 4	4x 18	1.25	1.53	3.84	-	4.25	44.18	18.3	378-4152	61937-841-52
D-F1S 012 TF 4	4x 16	1.37	1.68	4.39	-	4.80	56.55	21.7	378-4153	61937-841-53
D-F1S 020 TF 4	4x 14	1.75	2.05	4.92	-	6.00	85.76	29.6	378-4154	61937-841-54
D-F1S 030 TF 4	4x 12	2.20	2.50	6.13	-	7.09	134.21	40.2	378-4155	61937-841-55

