

2/3/4x D-F1S LSI 155

600V
-65°C/+150°C

Twisted pair / triple / quad

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	-
Core colour	1 Rd 2 Bl 3 Yw 4 Gn	Sheath	-
Marking	-		

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-	
2x D-F1S 001	2x 26	0.48	0.78	1.64	-	-	3.83	6.3	038-4098	61903-840-98
2x D-F1S 002	2x 24	0.57	0.87	1.82	-	-	5.20	8.5	038-4099	61903-840-99
2x D-F1S 004	2x 22	0.71	1.04	2.16	-	-	8.04	11.5	038-4100	61903-841-00
2x D-F1S 006	2x 20	0.96	1.28	2.70	-	-	13.33	15.9	038-4101	61903-841-01
2x D-F1S 010	2x 18	1.21	1.53	3.18	-	-	19.81	21.7	038-4102	61903-841-02
2x D-F1S 012	2x 16	1.36	1.68	3.64	-	-	25.64	25.7	038-4103	61903-841-03
2x D-F1S 020	2x 14	1.73	2.05	4.58	-	-	39.52	35.1	038-4104	61903-841-04
2x D-F1S 030	2x 12	2.20	2.50	5.48	-	-	60.06	47.7	038-4105	61903-841-05
3x D-F1S 001	3x 26	0.48	0.78	1.77	-	-	5.74	5.9	038-4106	61903-841-06
3x D-F1S 002	3x 24	0.57	0.87	1.97	-	-	7.90	7.9	038-4107	61903-841-07
3x D-F1S 004	3x 22	0.71	1.04	2.33	-	-	12.05	10.7	038-4108	61903-841-08
3x D-F1S 006	3x 20	0.96	1.28	2.92	-	-	19.99	14.8	038-4109	61903-841-09
3x D-F1S 010	3x 18	1.21	1.53	3.43	-	-	29.72	20.1	038-4110	61903-841-10
3x D-F1S 012	3x 16	1.36	1.68	3.93	-	-	38.46	23.8	038-4111	61903-841-11
3x D-F1S 020	3x 14	1.73	2.05	4.95	-	-	59.29	32.5	038-4112	61903-841-12
3x D-F1S 030	3x 12	2.20	2.50	5.92	-	-	90.09	44.2	038-4113	61903-841-13
4x D-F1S 001	4x 26	0.48	0.78	1.98	-	-	7.65	5.3	038-4114	61903-841-14
4x D-F1S 002	4x 24	0.57	0.87	2.20	-	-	10.39	7.2	038-4115	61903-841-15
4x D-F1S 004	4x 22	0.71	1.04	2.61	-	-	16.07	9.7	038-4116	61903-841-16
4x D-F1S 006	4x 20	0.96	1.28	3.27	-	-	26.65	13.4	038-4117	61903-841-17
4x D-F1S 010	4x 18	1.21	1.53	3.85	-	-	39.63	18.3	038-4118	61903-841-18
4x D-F1S 012	4x 16	1.36	1.68	4.40	-	-	51.28	21.7	038-4119	61903-841-19
4x D-F1S 020	4x 14	1.73	2.05	5.54	-	-	79.05	29.6	038-4120	61903-841-20
4x D-F1S 030	4x 12	2.20	2.50	6.63	-	-	120.12	40.2	038-4121	61903-841-21

