

D-F2P, D-F2S and D-F2T

LSI 155 Def Stan 61-12 Part 33/001

600V AC

-65°C / ≤+150°C

Construction

Wire	D-F2P	Silver Plated High Strength Alloy (HSA)			Insulation	LSI 155	Voltage		600/1000V AC U ₀ /U			
	D-F2S						Silver Plated Copper (SPC)			Test voltage		5000V AC
	D-F2T	Tin Plated Copper (TPC)										
Colour (cc)	00 Black	11 Brown	22 Red	33 Orange	44 Yellow	55 Green	66 Blue	77 Violet	88 Grey	99 White	29 Pink	89 Clear
Marking	To Def Stan 61-12 Part 33/001, includes country (DE/SE) and manufacturer's reference (HC)											
	e.g. DSP33/001-2P-001-1U-9-DE-HC-16											

Description	Size		Conductor			Finished Core				Electrical	Article Number
	AWG	CSA	stranding	resistance	wire	core	tolerance		weight	amps at 40°C	
		mm²		Ω/km	Ø	Ø			g/m		
D-F2P 001	26	0.15	19 x 0.100	160.00	0.48	0.88	+0.02	- 0.04	2.10	6	461cc2619
D-F2P 002	24	0.25	19 x 0.120	114.00	0.57	0.97	+0.02	- 0.06	2.82	8	461cc2419
D-F2T 004	22	0.35	19 x 0.150	55.30	0.71	1.15	+0.02	- 0.06	4.10	11	461cc2219
D-F2T 006	20	0.60	19 x 0.200	31.00	0.96	1.36	+0.03	- 0.03	6.95	15	461cc2019
D-F2T 010	18	0.95	19 x 0.250	19.60	1.21	1.65	+0.02	- 0.07	9.80	21	461cc1819
D-F2T 012	16	1.25	19 x 0.290	14.90	1.36	1.80	+0.13	- 0.09	12.99	25	461cc1619
D-F2T 020	14	1.80	37 x 0.250	10.20	1.73	2.17	+0.03	- 0.05	18.68	34	461cc1437
D-F2T 030	12	3.00	37 x 0.320	6.40	2.20	2.64	+0.03	- 0.10	28.62	46	461cc1237
D-F2T 050	10	5.00	37 x 0.400	4.20	2.80	3.30	+0.15	- 0.10	48.80	64	461cc1037
D-F2T 090	8	9.00	133 x 0.290	2.28	4.39	4.90	+0.20	- 0.10	89.74	102	461cc8133
D-F2T 140	6	14.00	133 x 0.360	1.43	5.51	6.03	+0.22	- 0.13	140.60	140	461cc6133
D-F2T 220	4	22.00	133 x 0.460	0.90	6.96	7.70	+0.25	- 0.15	223.30	193	461cc4133
D-F2T 340	2	34.00	655 x 0.260	0.58	8.64	10.00	+0.30	- 0.20	370.50	266	461cc2665
D-F2T 530	1/0	53.00	1,045 x 0.260	0.37	10.80	12.80	+0.40	- 0.60	570.00	360	461cc1000
D-F2T 680	2/0	68.00	1,330 x 0.260	0.29	12.07	14.20	+0.30	- 0.40	744.10	422	461cc2000
D-F2S 004	22	0.35	19 x 0.150	55.30	0.71	1.15	+0.02	- 0.06	4.10	12	463cc2219
D-F2S 006	20	0.60	19 x 0.200	31.00	0.96	1.36	+0.03	- 0.03	6.95	16	463cc2019
D-F2S 010	18	0.95	19 x 0.250	19.60	1.21	1.65	+0.02	- 0.07	9.80	22	463cc1819
D-F2S 012	16	1.25	19 x 0.290	14.90	1.36	1.80	+0.13	- 0.09	12.99	27	463cc1619
D-F2S 020	14	1.80	37 x 0.250	10.20	1.73	2.17	+0.03	- 0.05	18.68	37	463cc1437
D-F2S 030	12	3.00	37 x 0.320	6.40	2.20	2.64	+0.03	- 0.10	28.62	50	463cc1237
D-F2S 050	10	5.00	37 x 0.400	4.20	2.80	3.30	+0.15	- 0.10	48.80	69	463cc1037
D-F2S 090	8	9.00	133 x 0.290	2.28	4.39	4.90	+0.20	- 0.10	89.74	109	463cc8133
D-F2S 140	6	14.00	133 x 0.360	1.43	5.51	6.03	+0.22	- 0.13	140.60	150	463cc6133
D-F2S 220	4	22.00	133 x 0.460	0.90	6.96	7.70	+0.25	- 0.15	223.30	207	463cc6133
D-F2S 340	2	34.00	655 x 0.260	0.58	8.64	10.00	+0.30	- 0.20	370.50	286	463cc2665
D-F2S 530	1/0	53.00	1,045 x 0.260	0.37	10.80	12.80	+0.40	- 0.60	570.00	385	463cc1000
D-F2S 680	2/0	68.00	1,330 x 0.260	0.29	12.07	14.20	+0.30	- 0.40	744.10	562	463cc2000



Application

Designed for the military aerospace industry, LSI 155 is fully approved to the UK Defence Standard: 61-12 Part 33/001.

- Temperature range: D-F2P and D-F2T = -65 / +135°C
D-F2S = -65 / +150°C
- Flame retardant: IEC 60332-1, IEC 60332-3-24
- Low smoke generation: IEC 61034-2
- Radiation tolerant: 10⁵ Gy
- RoHS compliant