


LSI 155 / D-FIT & D-F2T

LSI 155 insulated cores, approved to Def Stan 61-12 Pt 33/001
Intended for use as internal wiring of equipment

600 V AC

Order reference		Conductor				Finished wire				Electrical	
		Tin Plated Copper (TPC)				LSI 155			Weight	DC resistance	DC Current rating
		Size	Stranding	Wire	Core	Tolerance		DSP 61-12 Pt 33/001		In free air at 40°C	
Description	Article Number	AWG	mm ²	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Max g/m	Max Ω/km	Amps
D-FIT 004	460cc2219	22	0.35	19 x 0.15	0.71	1.00	0.98	1.08	3.98	55.3	13
D-FIT 006	460cc2019	20	0.60	19 x 0.20	0.96	1.24	1.19	1.35	6.56	31.0	19
D-FIT 010	460cc1819	18	0.95	19 x 0.25	1.21	1.47	1.44	1.59	9.81	19.6	26
D-FIT 012	460cc1619	16	1.25	19 x 0.29	1.36	1.69	1.67	1.82	13.27	14.9	31
D-FIT 020	460cc1437	14	1.80	37 x 0.25	1.73	1.97	1.93	2.29	19.57	10.2	39
D-FIT 030	460cc1237	12	3.00	37 x 0.32	2.20	2.44	2.37	2.74	29.73	6.40	54



		Tin Plated Copper (TPC)				LSI 155 (Dual wall)			Weight	DC resistance	DC Current rating
		Size	Stranding	Wire	Core	Tolerance		DSP 61-12 Pt 33/001		In free air at 40°C	
Description	Article Number	AWG	mm ²	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Max g/m	Max Ω/km	Amps
D-F2T 004	461cc2219	22	0.35	19 x 0.15	0.71	1.14	1.10	1.17	4.10	55.3	13
D-F2T 006	461cc2019	20	0.60	19 x 0.20	0.96	1.44	1.42	1.52	6.95	31.0	19
D-F2T 010	461cc1819	18	0.95	19 x 0.25	1.21	1.62	1.60	1.68	9.80	19.6	26
D-F2T 012	461cc1619	16	1.25	19 x 0.29	1.36	1.79	1.75	1.85	12.99	14.9	31
D-F2T 020	461cc1437	14	1.80	37 x 0.25	1.73	2.15	2.14	2.28	18.68	10.2	39
D-F2T 030	461cc1237	12	3.00	37 x 0.32	2.20	2.60	2.58	2.73	28.62	6.40	54
D-F2T 050	461cc1037	10	5.00	37 x 0.40	2.80	3.30	3.15	3.61	48.80	4.20	72
D-F2T 090	461cc8133	8	9.00	133 x 0.29	4.39	5.00	4.41	5.16	89.74	2.28	110
D-F2T 140	461cc6133	6	14.00	133 x 0.36	5.51	6.05	5.99	6.38	140.63	1.43	147
D-F2T 220	461cc4133	4	22.00	133 x 0.46	6.96	7.70	7.64	8.13	223.22	0.900	203
D-F2T 340	461cc2665	2	34.00	655 x 0.26	8.64	10.00	9.25	10.67	370.55	0.580	273
D-F2T 530	461cc1000	1/0	53.00	1,045 x 0.26	10.80	12.80	11.54	13.36	569.97	0.370	358
D-F2T 680	461cc2000	2/0	68.00	1,330 x 0.26	12.07	14.20	12.83	14.88	744.08	0.290	433

Core identification: Replace 'cc' in the article number with 2 digits below to select from available colours

00 Black 11 Brown 22 Red 33 Orange 44 Yellow 55 Green 66 Blue 77 Violet 88 Grey 99 White 29 Pink

Marking Not applicable

Characteristics and key properties

		RoHS REACH LVD		Current rating IEC 60287	Fluid resistant Fuel Oil Water		Flame resistant		Smoke free	MBR Fixed = 5x Ø Flexing = 10x Ø
Approval Def Stan 61-12 Part 33/001								Temp low -65°C	Temp >20,000 hrs +135°C	

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