


LSI 155 / D-F1S & D-F2S

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

600 V AC

back to:
Single wires

Order reference		Conductor				Finished wire				Electrical	
		Silver Plated Copper (SPC)				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-F1S 004	462cc2219	22	0.35	19 x 0.15	0.71	1.04	0.98	1.08	3.98	55.3	14
D-F1S 006	462cc2019	20	0.60	19 x 0.20	0.96	1.27	1.19	1.35	6.56	31.0	20
D-F1S 010	462cc1819	18	0.95	19 x 0.25	1.21	1.51	1.44	1.59	9.81	19.6	27
D-F1S 012	462cc1619	16	1.25	19 x 0.29	1.36	1.73	1.67	1.82	13.27	14.9	33
D-F1S 020	462cc1437	14	1.80	37 x 0.25	1.73	2.08	1.93	2.29	19.57	10.2	42
D-F1S 030	462cc1237	12	3.00	37 x 0.32	2.20	2.53	2.37	2.74	30.35	6.40	57



		Silver Plated Copper (SPC)				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-F2S 004	463cc2219	22	0.35	19 x 0.15	0.71	1.17	1.10	1.26	4.57	55.3	14
D-F2S 006	463cc2019	20	0.60	19 x 0.20	0.96	1.43	1.42	1.50	7.15	31.0	20
D-F2S 010	463cc1819	18	0.95	19 x 0.25	1.21	1.66	1.60	1.74	10.54	19.6	27
D-F2S 012	463cc1619	16	1.25	19 x 0.29	1.36	1.82	1.75	1.87	13.48	14.9	33
D-F2S 020	463cc1437	14	1.80	37 x 0.25	1.73	2.20	2.14	2.44	20.63	10.2	42
D-F2S 030	463cc1237	12	3.00	37 x 0.32	2.20	2.68	2.58	2.95	31.51	6.40	57
D-F2S 050	463cc1037	10	5.00	37 x 0.40	2.80	3.30	3.15	3.61	48.80	4.20	77
D-F2S 090	463cc8133	8	9.00	133 x 0.29	4.39	4.80	4.41	5.16	92.12	2.28	118
D-F2S 140	463cc6133	6	14.0	133 x 0.36	5.51	6.03	5.99	6.38	140.63	1.43	158
D-F2S 220	463cc6133	4	22.0	133 x 0.46	6.96	7.70	7.64	8.13	235.13	0.90	219
D-F2S 340	463cc2665	2	34.0	655 x 0.26	8.64	10.00	9.25	10.67	370.55	0.58	293
D-F2S 530	463cc1000	1/0	53.0	1,045 x 0.26	10.80	12.80	11.54	13.36	601.22	0.37	384
D-F2S 680	463cc2000	2/0	68.0	1,330 x 0.26	12.07	14.20	12.83	14.88	744.08	0.29	464

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 +150°C	

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