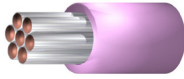
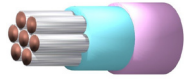


# LSI 155 / D-F1S & D-F2S

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

Order reference		Conductor				Finished wire				Electrical		
		Silver Plated Copper (SPC)				LSI 155			Weight	DC resistance	DC Current rating In free air at 40°C	Voltage
		Size		Stranding	Wire	Core	Tolerance					
Description (NSN - if applicable)	Article Number	AWG	mm <sup>2</sup>	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Max g/m	Ω/km	Amps	V AC U <sub>0</sub> /U
D-F1S 004	462cc2219	22	0.35	19 x 0.15	0.71	1.04	0.98	1.08	3.98	55.3	14	600/1000
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 In free air at 40°C	Voltage
		Size		Stranding	Wire	Core	Tolerance					
Description (NSN - if applicable)	Article Number	AWG	mm <sup>2</sup>	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Max g/m	Ω/km	Amps	V AC U <sub>0</sub> /U
D-F2S 004	463cc2219	22	0.35	19 x 0.15	0.71	1.17	1.10	1.26	4.57	55.3	14	600/1000
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
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Marking Not applicable

### Characteristics and key properties

	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	Low smoke	Flame retardant	+150°C High temp
	DSP 61-12 Part 33/001 approved			Current rating to IEC 60287	-65°C Low temp	

DISCLAIMER: Information is indicative and cannot be considered a binding representation or warranty for products and their use. Valid at the time of publication, it is subject to change without notice. Data indicates nominal values in millimetres (mm) unless otherwise stated.