

LSI 155 // D-F1P, D-F1S, D-F2P & D-F2S

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

Description	Conductor					Finished wire					
D-F1P	Silver Plated High Strength Copper Alloy (HSA)					LSI 155			Weight	Amps	
	Size		Stranding	Resistance	Wire	Core	Tolerance				
600 / 1000V AC U ₀ /U	AWG	mm ²	# x mm	Ω/km	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	@ 40°C	Article Number
D-F1P 001	26	0.15	19 x 0.100	160	0.48	0.76	0.72	0.82	1.88	9	460cc2619
D-F1P 002	24	0.25	19 x 0.120	114	0.57	0.85	0.81	0.91	2.57	11	460cc2419
D-F1S	Silver Plated Copper (SPC)					LSI 155			Weight	Amps	
	Size		Stranding	Resistance	Wire	Core	Tolerance				
600 / 1000V AC U ₀ /U	AWG	mm ²	# x mm	Ω/km	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	@ 40°C	Article Number
D-F1S 004	22	0.35	19 x 0.15	55.3	0.71	1.04	0.98	1.08	3.98	14	462cc2219
D-F1S 006	20	0.60	19 x 0.20	31.0	0.96	1.27	1.19	1.35	6.56	20	462cc2019
D-F1S 010	18	0.95	19 x 0.25	19.6	1.21	1.51	1.44	1.59	9.81	27	462cc1819
D-F1S 012	16	1.25	19 x 0.29	14.9	1.36	1.73	1.67	1.82	13.27	33	462cc1619
D-F1S 020	14	1.80	37 x 0.25	10.2	1.73	2.08	1.93	2.29	19.57	42	462cc1437
D-F1S 030	12	3.00	37 x 0.32	6.40	2.20	2.53	2.37	2.74	30.35	57	462cc1237
D-F2P	Silver Plated High Strength Copper Alloy (HSA)					LSI 155 (Dual wall)			Weight	Amps	
	Size		Stranding	Resistance	Wire	Core	Tolerance				
600 / 1000V AC U ₀ /U	AWG	mm ²	# x mm	Ω/km	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	@ 40°C	Article Number
D-F2P 001	26	0.15	19 x 0.10	160	0.48	0.90	0.83	1.00	2.31	9	461cc2619
D-F2P 002	24	0.25	19 x 0.12	114	0.57	0.99	0.93	1.16	3.28	11	461cc2419
D-F2S	Silver Plated Copper (SPC)					LSI 155 (Dual wall)			Weight	Amps	
	Size		Stranding	Resistance	Wire	Core	Tolerance				
600 / 1000V AC U ₀ /U	AWG	mm ²	# x mm	Ω/km	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	@ 40°C	Article Number
D-F2S 004	22	0.35	19 x 0.15	55.3	0.71	1.17	1.10	1.26	4.57	14	463cc2219
D-F2S 006	20	0.60	19 x 0.20	31.0	0.96	1.43	1.42	1.50	7.15	20	463cc2019
D-F2S 010	18	0.95	19 x 0.25	19.6	1.21	1.66	1.60	1.74	10.54	27	463cc1819
D-F2S 012	16	1.25	19 x 0.29	14.9	1.36	1.82	1.75	1.87	13.48	33	463cc1619
D-F2S 020	14	1.80	37 x 0.25	10.2	1.73	2.20	2.14	2.44	20.63	42	463cc1437
D-F2S 030	12	3.00	37 x 0.32	6.40	2.20	2.68	2.58	2.95	31.51	57	463cc1237
D-F2S 050	10	5.00	37 x 0.40	4.20	2.80	3.30	3.15	3.61	48.80	77	463cc1037
D-F2S 090	8	9.00	133 x 0.29	2.28	4.39	4.80	4.41	5.16	92.12	118	463cc8133
D-F2S 140	6	14.0	133 x 0.36	1.43	5.51	6.03	5.99	6.38	140.63	158	463cc6133
D-F2S 220	4	22.0	133 x 0.46	0.90	6.96	7.70	7.64	8.13	235.13	219	463cc6133
D-F2S 340	2	34.0	655 x 0.26	0.58	8.64	10.00	9.25	10.67	370.55	293	463cc2665
D-F2S 530	1/0	53.0	1,045 x 0.26	0.37	10.80	12.80	11.54	13.36	601.22	384	463cc1000
D-F2S 680	2/0	68.0	1,330 x 0.26	0.29	12.07	14.20	12.83	14.88	744.08	464	463cc2000

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	89: Clear
Characteristics and key properties											
	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU					Low smoke generation	Flame retardant	+150°C High temp	
										Current rating in free air to IEC 60287	-65°C Low temp
DSP 61-12 Part 33/001 approved											

Data indicates nominal values in millimetres (mm) unless otherwise stated.
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