

Single core

Temp.	TPC SPC NPC	-65°C to +135°C -65°C to +150°C -65°C to +150°C
Voltage	0.6/1kV AC U ₀ /U	
Test voltage	5kV AC	
Flame retardant		
Low smoke generation		
• Def Stan 61-12 Part 33/001		

Construction

Conductor	D-F1T D-F1S	Tin Plated Copper (TPC) * Silver Plated Copper (SPC) *	Insulation	LSI 155
Shield(s)	-		Sheath	-
* Sizes 24 AWG and 26 AWG use Silver Plated High Strength Copper Alloy (HSA), designated 'D-F1P'				

Identification

Marking	To Def Stan 61-12 Part 33/001, includes country (DE/SE) and manufacturer's reference (HC) (e.g. DSP33/001-1P-001-1U-9-DE-HC-12)
---------	--

Application

Designed for use in the aviation industry, cores are fully approved to Defence Standard 61-12 Part 33/001.

03
Flightguard DS

Description	Size		Conductor			Finished Wire			Electrical	Article number
	AWG	CSA mm ²	stranding	resistance Ω/km	wire Ø	core Ø	tolerance	weight g/m	amps at 40°C	
D-F1P 001	26	0.15	19 x 0.100	160.00	0.48	0.78	±0.04	1.88	6	460cc2619
D-F1P 002	24	0.25	19 x 0.120	114.00	0.57	0.87	+0.04 -0.06	2.57	8	460cc2419
D-F1T 004	22	0.35	19 x 0.150	55.30	0.71	1.04	+0.04 -0.06	3.98	11	460cc2219
D-F1S 004									12	462cc2219
D-F1T 006	20	0.60	19 x 0.200	31.00	0.96	1.28	+0.07 -0.09	6.56	15	460cc2019
D-F1S 006									16	462cc2019
D-F1T 010	18	0.95	19 x 0.250	19.60	1.21	1.53	+0.06 -0.09	9.81	21	460cc1819
D-F1S 010									22	462cc1819
D-F1T 012	16	1.25	19 x 0.290	14.90	1.36	1.68	+0.14 -0.01	13.27	25	460cc1619
D-F1S 012									27	462cc1619
D-F1T 020	14	1.80	37 x 0.250	10.20	1.73	2.05	+0.24 -0.12	19.57	34	460cc1437
D-F1S 020									37	462cc1437
D-F1T 030	12	3.00	37 x 0.320	6.40	2.20	2.50	+0.24 -0.13	29.73	46	460cc1237
D-F1S 030									50	462cc1237

Available colours (replace 'cc' in the order reference)												
00 Black	11 Brown	22 Red	33 Orange	44 Yellow	55 Green	66 Blue	77 Violet	88 Grey	99 White	29 Pink	89 Natural	45 Yel/Grn

Ref: FG_DF1_13 Created: CJV Approved: AE Date: 2013-09-12
Data indicates nominal values unless stated otherwise, is only valid for reference purposes at the time of publication and is subject to change without prior notice.