B-ET (PTFE)

300V / 190°C

Flightguard DS

Single core

Temperature	-75°C to +190°C
Voltage	300/500V AC
Test voltage	2000V AC
Flame retardant	
Low smoke generation	

BS 3G 210 Type A
Def Stan 61-12 Part 8

Construction

Conductor	Silver Plated Copper (SPC)	Insulation	PTFE
Shield	-	Sheath	-

Application

PTFE is Habia Cable's foremost insulation material, intended for use up to 260°C. PTFE has excellent mechanical properties, including solder resistance and offers unparalleled electrical performance. Typical applications for PTFE include gas ignition wires, gas turbines, vacuum applications and high temperature data cables. Cores are designed according to BS 3G 210 Type A.

Flightguard DS

Description	Size		Conductor			Finished Wire			Electrical	Order reference
	AWG	CSA mm²	stranding	resistance Ω/km	wire Ø	core Ø	tolerance	weight g/m	amps at 40°C	
B-ET 3207	32	0,04	7 x 0,08	558,00	0,24	0,54	+0,05 -0,10	0,84	3	536cc3207
B-ET 3001	30	0,05	1 x 0,25	377,00	0,25	0,55	+0,05 -0,10	0,96	4	536cc3001
B-ET 3007	30	0,06	7 x 0,10	353,00	0,30	0,60	+0,05 -0,10	1,10	4	536cc3007
B-ET 2801	28	0,08	1 x 0,32	229,00	0,32	0,62	+0,05 -0,10	1,32	6	536cc2801
B-ET 2807	28	0,08	7 x 0,12	244,00	0,36	0,68	+0,03 -0,12	1,40	6	536cc2807
B-ET 2601	26	0,13	1 x 0,40	146,00	0,40	0,70	+0,05 -0,10	1,83	8	536cc2601
B-ET 2607	26	0,13	7 x 0,15	159,00	0,45	0,75	+0,05 -0,10	1,96	8	536cc2607
B-ET 2619	26	0,15	19 x 0,10	130,00	0,50	0,80	+0,05 -0,10	2,26	8	536cc2619
B-ET 2407	24	0,20	7 x 0,20	88,30	0,60	0,90	+0,05 -0,10	3,04	11	536cc2407
B-ET 2419	24	0,21	19 x 0,12	89,80	0,60	0,90	+0,05 -0,10	2,99	11	536cc2419
B-ET 2219	22	0,34	19 x 0,15	58,60	0,75	1,05	+0,05 -0,10	4,41	14	536cc2219
B-ET 2019	20	0,60	19 x 0,20	32,50	1,00	1,30	+0,05 -0,10	7,19	19	536cc2019

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