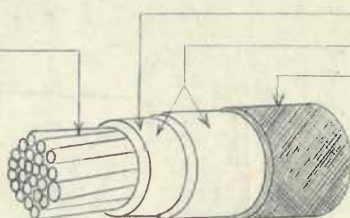


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THE DE HAVILLAND AIRCRAFT OF CANADA, LIMITED.

Tin Coated
Copper Conductor



Extruded ETFE/Polyamide (Judd)

Modified Crosslinked Extruded Fluoropolymer (Raychem)

Aromatic Polyamide Braid (For sizes #2 and larger)

(H) (J)

PART NO.	WIRE SIZE	STRANDING (No. of strands XAWG gauge of strands)	RESISTANCE at 20°C (68°F) (ohms/1000 ft. max.)	DIAMETER (inches)	WT MAX.
DSC201-24-*	24	19 x 36	26.2	.045 ± .002	2.3
-22-*	22	19 x 34	16.2	.050 ± .002	3.3
-20-*	20	19 x 32	9.88	.058 ± .002	4.9
-18-*	18	19 x 30	6.23	.070 ± .003	7.3
-16-*	16	19 x 29	4.81	.077 ± .003	9.2
-14-*	14	19 x 27	3.06	.094 ± .003	14.1
-12-*	12	37 x 28	2.02	.112 ± .004	21.2
-10-*	10	37 x 26	1.26	.136 ± .006	33.1
-8-*	8	133 x 29	.701	.195 ± .008	60.3
-6-*	6	133 x 27	.445	.241 ± .010	94.5
-4-*	4	133 x 25	.280	.310 ± .010	150.0
-2-*	2	665 x 30	.183	.408 ± .012	239
-1-*	1	817 x 30	.149	.445 ± .016	301
-0-*	0	1045 x 30	.116	.485 ± .016	377
-00-*	00	1330 x 30	.091	.545 ± .016	487

(H)

NOTES:

- 1) The Procurement department shall specify the DSC no. on the purchase order. Wire spools shall be marked with the DSC no. (J)
- 2) Wire shall be marked in accordance with MIL-W-22759/34 or BMS 13-48.
- 3) Except as specified above, wire shall be in accordance with MIL-W-22759/34 or BMS 13-48.
- 4) Wire shall meet the flammability requirements of F.A.R. 25.1359(d)
- 5) '*' in table above shall be replaced by a colour code designator in accordance with MIL-STD-681.
- 6) Colour: Unless otherwise specified on the purchase order the colour of the insulation, cable jacket, or braid of the wire and cable shall be as follows:
 - the inner extrusion shall be blue
 - the cable jacket shall be white (9) within the limits of MIL-STD-104
 - the Polyamide braid colour (on wire sizes #2 or larger) shall be white (9) or dark green (59).
- 7) Wire spools shall have a maximum of 3 splices per 5000' of length, (18 - 24 AWG only) (H)

REVISIONS

CHANGE	ITEM NO.	DESCRIPTION	DATE	DRAWN	CHECKED	STRESS	APPROVED
F		Redrawn at Issue 'F', sht. 2 added. Judd Wire P/N's revised Boeing P/N's added.	25.3.86	EDWARDS	SMITH		K
G		Note 1: Revised Note 2: Added BMS 13-48 Requirement Note 3: Revised	23.7.86	EDWARDS	SMITH		K
H		Braid (for sizes 1 and larger revised.) Weights on wire size #1,0,00 revised. Note 7 added.	11.2.87	EDWARDS	SMITH		K
J		Note 1 and 7 revised Braid req'd on #2 was #1	17.3.88	EDWARDS	SMITH		K
K		NOTE 6 REVISED	26 JUN 88	EDWARDS	SMITH		K
L		DRAWING CANCELLED USE B0801250	14 APRIL 2011	EDWARDS	DANESH		K

SOURCE CONTROL DRAWING

ONLY THE ITEM(S) LISTED ON THIS DRAWING AND IDENTIFIED BY VENDOR'S NAME(S), ADDRESS(ES) AND PART NUMBER(S) HAVE BEEN APPROVED BY THE DE HAVILLAND AIRCRAFT OF CANADA LTD FOR THE USE IN DHC AIRCRAFT. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR APPROVAL BY THE DE HAVILLAND AIRCRAFT OF CANADA LTD.

THE DE HAVILLAND AIRCRAFT OF CANADA, LIMITED.

DRAWN	D. LINT	14.9.77
CHECKED	J. J. CHAMBER	14.9.77
APPROVED	EDWARDS	14.9.77
MTL & STDS	EDWARDS	14.9.77
STRESS	W.C.	14.9.77
CH. DRAFTN.		

DRAWING TITLE

WIRE, ELECTRICAL
MED. WT. GENERAL PURPOSE

REPORT ALL DRAWING ERRORS TO
ENGINEERING

CODE IDENT NO.	DWG SIZE	DRAWING NO.	RELEASE	REV.
71867	B	DSC201		K
SCALE	WGT CALC	ACTUAL	SHEET	1 OF 2

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FED CODE	RAYCHEM 06090	JUDD WIRE 12703	BOEING AIRCRAFT CO. 81205	TELEDYNE THERMATICS 12515
AWG				
24	55A0811-24-*	H4134244-*	BMS13-48T8C1G24	XET 1936 TPC
22	55A0811-22-*	H4134224-*	BMS13-48T8C1G22	XET 1934 TPC
20	55A0811-20-*	H4134204-*	BMS13-48T8C1G20	XET 1932 TPC
18	55A0811-18-*	H4134184-*	BMS13-48T8C1G18	XET 1930 TPC
16	55A0811-16-*	H4134164-*	BMS13-48T8C1G16	XET 1929 TPC
14	55A0811-14-*	H4134144-*	BMS13-48T8C1G14	XET 1927 TPC
12	55A0811-12-*	H4134126-*	BMS13-48T8C1G12	XET 3728 TPC
10	55A0811-10-*	H4134106-*	BMS13-48T8C1G10	XET 3726 TPC
8	55A0811-8-*	H4134088-*	BMS13-48T8C1G8	XET 13329 TPC
6	55A0811-6-*	H4134068-*	BMS13-48T8C1G6	XET 13327 TPC
4	55A0811-4-*	H4134048-*	BMS13-48T8C1G4	XET 13325 TPC
2	55A0811-2-*			
1	55A0039-1-*			
0	55A0039-0-*			
00	55A0039-00-*			

Example of Part No.

DSC201 - 22 - 9
 Colour Code
 Wire Size
 Basic Specification

REVISIONS

CHANGE ITEM NO.	DESCRIPTION	DATE	DRAWN	CHECKED	STRESS	APPROVED
A	P/N BMS13-48T8C1-* was BMS13-48T1C8-* Typo Error	21.3.86	EDWARDS	KD		
B	55A0811 was 55A0811 Drawing Error	26.6.86	EDWARDS	KD		
C	Teledyne Thermatics Part Numbers Added	26.6.86	EDWARDS	KD		
D	Judd wire deleted.	26.6.86	EDWARDS	KD		
E	Judd wire sizes 4-14 reinstated	13.11.86	EDWARDS	KD		
F	DRAWING CANCELLED USE B0801250	14 APRIL 2011	B. EDWARDS	E. DINESH		

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DRAWN	EDWARDS	21.3.86
CHECKED	SCHATTNER	24.6.86
APPROVED	KD	26.6.86
MTL & STDS	SCHATTNER	24.6.86
STRESS	WJL	31.7.86
CH. DRAFTN.		

REPORT ALL DRAWING ERRORS TO
ENGINEERING

DRAWING TITLE			
WIRE, ELECTRICAL MED. WT. GENERAL PURPOSE			
CODE IDENT NO.	DWG SIZE	DRAWING NO.	RELEASE REV
71867	B	DSC 201	F
SCALE	WGT CALC	ACTUAL	SHEET 2 OF 2