

CONDUCTOR - #16 AWG 19/29 Nickel Plated Copper O.D. .0531" NOM.

INSULATION - Extruded Teflon

Colour - Brown
Wall - .011" Nom.
O.D. - .072"/.077"

SPARK TEST - 1.5 kV

DIP COAT - Polimide

Colour - Natural
Wall - .0005" Min.
O.D. - .073"/.079"

IMPULSE
DIELECTRIC - 8.0 kV (peak) Bead Chain Testing

SHIELD - #36 AWG Silver Plated Copper ^(A) or Nickle Plated Copper

Coverage - 90% Min.
Construction - Braided
O.D. - .098" Nom. .101" Max.

JACKET - Teflon Tapes, Wrapped and Fused

Colour - White
Wall - .008"/.012"
O.D. - .118" Nom. .125" Max.

JACKET SPARK TEST - 1.5 kV

NOTES:

1. The Procurement Dept. shall specify the DSC and the manufacturer's part number on the purchase order.
2. The wire shall meet the flammability requirements as specified in FAR 25.1359(d).
3. The manufacturer's quality system shall meet as a minimum the requirements of AQAP.4.

Dash No.	Approved Vendors	
-1	Champlain Cable 35-01201	Harbour Industries 4576

This drawing is private and confidential and is supplied on the express condition that it is not to be used for any purpose or copied or communicated to any other person without the prior permission of the de Havilland Aircraft Company of Canada, Downsview, Ontario.

REVISIONS					
CHANGE	ITEM NO.	DESCRIPTION	DATE	DRAWN	CHECKED
A		ADDED NICKLE PLATED COPPER AS OPTION TO SHIELD	22/6/85	RX	PLAN

REQUIREMENTS-UNLESS OTHERWISE SPECIFIED		SOURCE CONTROL DRAWING	
GENERAL	LIMITS	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 Company of Canada for use in DHC aircraft. A substitute item shall not be used without prior approval by the de Havilland Aircraft Company of Canada.	
1. DIMS ARE IN INCHES 2. SURFACE ROUGHNESS 125 \sqrt{R} MAX. 3. REMOVE SHARP EDGES 4. DIS MACHINE PARTS 5. EDGE FINISHING OF PARTS IN ACCORDANCE WITH P.P.S. 27-02 6. THERMALS IN ACCORDANCE WITH MIL-8-7742	1. DECIMALS 1 PLACE $\pm .1$ 2 " $\pm .00$ 3 " $\pm .010$ 2. DIMENSIONS & TOLERANCES APPLY AFTER PLATING 3. ANGLES $\pm 0^{\circ}30'$	deHAVILLAND A BEEHIVE COMPANY CANADA	
DRAWN	EDWARDS 21.7.88	DRAWING TITLE	
CHECKED	P. JAM 29.08.88	Wire, Nickel Plated Copper, Shielded	
APPROVED	K. LINDEB 29.08.88		
MTL & STDS	SCHERTL 9. AUG 88		
STRESS	M. PLATT 30.10.88		
CH. DRAFTN.			
REPORT ALL DRAWING ERRORS TO ENGINEERING		DWG SIZE	CODE IDENT NO.
		B	71867
		DRAWING NO.	RELEASE
		DSC 423	REV. A
		SCALE	WGT CALC
		ACTUAL	SHEET