

SPECIFIC REQUIREMENTS

REVISIONS

RELEASED	LTR	DESCRIPTION	DATE	APPROVED
15DEC04 JB	-	FIRST RELEASE	10 DEC 2004	J BANKS

# Lightweight Aerospace Grade Copper Fibre Channel Cable



VENDOR P/N: 26473/02006X-4(LLD)  
 VENDOR NAME: TENSOLITE COMPANY  
 CAGE CODE: 92607  
 ADDRESS: 100 Tensolite Dr  
 St. Augustine, FL 32092  
 USA  
 TEL: (904) 829-5600  
 FAX: (904) 829-3447

ALTERNATE SOURCE

VENDOR P/N:  
 VENDOR NAME:  
 CAGE CODE:  
 ADDRESS:

TEL:  
 FAX:

ALTERNATE SOURCE

VENDOR P/N:  
 VENDOR NAME:  
 CAGE CODE:  
 ADDRESS:

TEL:  
 FAX:

GENERAL

NEXT ASSY USED ON

APPLICATION

DA APPD CE APPD CM APPD

DESIGN CHANGES REQUIRE CONFIGURATION CONTROLLED CONTROL BOARD AUTHORIZATION

Conductor AWG Size(19 Strand):	26
Conductor Material:	SCCA
Nom Conductor Diameter(in):	0.0189
Insulation Material:	PTFE
Nom Insulation Diameter(in):	0.056
Nom Cable Diameter(in):	0.195
Nom Cable Weight(lbs/1000 ft):	28.0
Impedance $\pm 10\%$ ( $\Omega$ ):	150
Nom Capacitance(pF/ft):	9
Nom Velocity of Propagation:	80%
Typical Delay Skew(ps/ft):	3
Nom. Attenuation(dB/100 ft):	13
@ 531 MHz:	21
@ 1062 MHz:	

Shielding consists of inner aluminum/polyester tape and outer TCC round braid.  
 The jackets are extruded FEP.

Flammability meets or exceeds FAR25.869 requirements.

SCCA - Silver Coated Copper Alloy  
 TCC - Tin Coated Copper

GENERAL REQUIREMENTS

- CERTIFICATE OF COMPLIANCE REQUIRED
- TEST REPORT REQUIRED
- CAE SOURCE INSPECTION REQUIRED (VENDOR TO NOTIFY CAE)
- OPERATING & MAINTENANCE DOCUMENTATION
- SPECIFY.....

CONTRACT GENERAL

DRAWN	10 DEC 2004	9 GRANDMONT
CHKR	10 DEC 2004	CHKR (2)
B.MELLEUR		
CHKR (3)	13 DEC 2004	APVD J.BANKS
G.CAROTIA		APVD (5)
APVD (2)		
DA	14 DEC 2004	CM
G.PHOCOME		

SPECIFICATION CONTROL DRAWING

MONTREAL		CAE	
CANADA			
TITLE	FIBER CHANNEL CABLE		
SIZE	CAGE CODE	WT	SHEET
B	35181	PS387085.02.5.122	1 OF 1
SCALE			

NOTES:

#1 & 3 forms 0 pair  
 #2 & 4 forms 0 pair  
 Cable Jacket Color Yellow  
 Conductor Color:  
 1 - White  
 2 - White/Green strip  
 3 - White/Blue strip  
 4 - White/Black strip

U/W Quadrax contact ref. CAE P/N PS302387-06  
 U/W Quadrax contact ref. CAE P/N PS302387-07

ref. compeng memo P5-04-0249