

SHEET REV. B
 1
 DWG. NO. 311001-C

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REVISIONS				
ECN	REV	DESCRIPTION	DATE	APPROVED
12837	N/C	NEW RELEASE	11/27/00	PJJ
13451	A	CHANGE WEIGHT	3/23/01	DEK
15194	B	ADDED MARKER TAPE	10/3/06	QSK

50 Ohm High Performance LowLoss Coaxial Cable

ECS P/N 311001

Construction

- Conductor : 10 AWG stranded wire
- Dielectric : Low density, high temperature fluoropolymer
- Shield #1 : Silver plated copper braid
- Shield #2 : Aluminum tape
- Shield #3 : Silver plated copper braid
- Marker Tape : Cable shall be identified with marker tape under jacket. Alternating legible and reverse captions are acceptable.
- Jacket : High temperature fluoropolymer

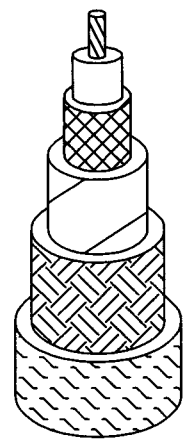
Performance Attributes

PHYSICAL

- Cable O.D. : .39 nominal
- Weight : 13.9 lbs/100 ft
- Minimum Bend Radius : 1.95
- Operating Temperature : -55°C to +200°C

ELECTRICAL

- Impedance (Ohms) : 50 nominal
- Capacitance (pF/ft) : 27 nominal
- Velocity of Propagation (%) : 80 nominal
- Time Delay (ns/ft) : 1.28
- Attenuation (dB/100ft) :
 - 156 MHz 1.73 nominal
 - 1090 MHz 4.6 nominal
 - 1575 MHz 5.45 nominal
 - 4400 MHz 9.8 nominal
 - 5091 MHz 10.6 nominal



ENVIRONMENTAL

Flammability : Complies with the requirements of FAR 25.853(a), and FAR 25.869(a)(4).

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES ARE:
 DECIMALS
 XX ±.03
 XXX ±.010

APPROVALS	DATE
DESIGNED BY C CHAPMAN	11/21/00
CHECKED BY E ANDERSON	11/27/00
ENGRG MGR PETER JOBE	11/27/00

ELECTRONIC CABLE SPECIALISTS FRANKLIN, WI 53132 PHONE: (414) 421-5300					
TITLE <u>CUSTOMER SPECIFICATION</u> 50 OHM COAXIAL CABLE ECS P/N 311001					
SIZE	CAGE CODE	LEVEL	PART NO.	REV.	
A	66197		311001	B	
SCALE			SHEET 1 OF 1		