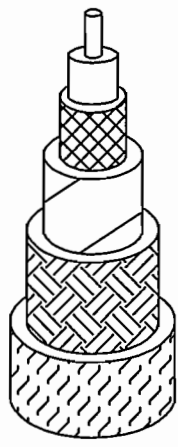


REV. A	SHEET 1	<p>**** EXPORT CONTROLLED DOCUMENT - EAR **** The information in this document is subject to the Export Controls in Accordance with the Export Administration Regulations. Diversion Contrary to U.S. Law is prohibited.</p> <p>This print and associated documents and the contained information are the confidential property of ELECTRONIC CABLE SPECIALISTS. Disclosure of, and/or reproduction of, all or part thereof or manufacture of any part from information contained on this print not specifically permitted by ELECTRONIC CABLE SPECIALISTS in writing is forbidden.</p>	REVISIONS				
			ECN	REV	DESCRIPTION	DATE	APPROVED
			51793	N/C	NEW RELEASE	3/27/14	T CANAPA
DWG. NO. 361601-C			58044	A	REVISE CABLE MARKING	2/12/16	<i>celupma</i>

50 OHM COAXIAL CABLE
ECS P/N 361601

CONDUCTOR : 16 AWG Solid silver plated copper
 DIELECTRIC : Low density high temperature fluoropolymer
 SHIELD 1 : Silver plated flat copper braid, 95% min. coverage
 SHIELD 2 : Aluminum/polyester foil, 100% coverage
 SHIELD 3 : Silver plated copper wire braid, 90% min. coverage
 JACKET : White high temperature fluoropolymer (laser markable)
 CABLE MARKING : CarlisleIT 361601 66197



PHYSICAL CHARACTERISTICS


CABLE O.D. : 0.195 nominal
 BEND RADIUS : 1.0 nominal
 WEIGHT : 3.8 lbs/100ft nominal
 TEMPERATURE RANGE : -55° to +150° C

ELECTRICAL CHARACTERISTICS

DC RESISTANCE : 4.10 Ohms/1000 ft nominal
 IMPEDANCE : 50.0 Ohms nominal
 CAPACITANCE : 25.0 pF/ft nominal
 VELOCITY OF PROPAGATION : 80.0% nominal
 TIME DELAY : 1.27 ns/ft nominal
 CUTOFF FREQUENCY : 30.0 GHz nominal
 SHIELD EFFECTIVENESS : > 90 dB
 ATTENUATION (nominal) : 8.0 dB/100ft @ 1 GHz
 11.5 dB/100ft @ 2 GHz
 14.0 dB/100ft @ 3 GHz
 18.0 dB/100ft @ 5 GHz

ENVIRONMENTAL CHARACTERISTICS

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

		ELECTRONIC CABLE SPECIALISTS FRANKLIN, WI 53132 PHONE: (414) 421-5300				
TITLE CUSTOMER SPECIFICATION 50 OHM COAXIAL CABLE ECS P/N 361601						
APPROVALS	DATE	SIZE	CAGE CODE	LEVEL	ECS PART NO.	REV.
DRAWN BY R LAY	7/19/13	A	66197		361601	A
CHECKED BY T CANAPA	3/6/14	SCALE			SHEET	1 of 1
ENGINEERING MANAGER DAVID E KNOLL	3/27/14					

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