

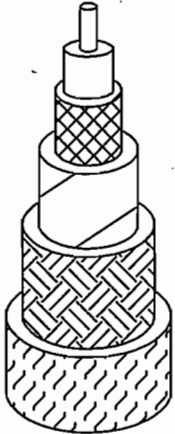
REV. A	**** EXPORT CONTROLLED DOCUMENT - EAR **** The information in this document is subject to the Export Controls in Accordance with the Export Administration Regulations. Diversion Contrary to U.S. Law is prohibited.	REVISIONS				
		ECN	REV	DESCRIPTION	DATE	APPROVED
		51793	N/C	NEW RELEASE	3/27/14	T CANAPA
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DWG. NO. 361201-C

50 OHM COAXIAL CABLE

ECS P/N 361201

CONDUCTOR : 12 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 361201 66197



PHYSICAL CHARACTERISTICS


CABLE O.D. : 0.325 nominal
 BEND RADIUS : 1.7 nominal
 WEIGHT : 8.8 lbs/100ft nominal
 TEMPERATURE RANGE : -55° to +150° C

ELECTRICAL CHARACTERISTICS

DC RESISTANCE : 1.26 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 : 17.5 GHz nominal
 SHIELD EFFECTIVENESS : > 90 dB
 ATTENUATION (nominal) : 5.0 dB/100ft @ 1 GHz
 7.0 dB/100ft @ 2 GHz
 8.5 dB/100ft @ 3 GHz
 11.0 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
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TITLE CUSTOMER SPECIFICATION
50 OHM COAXIAL CABLE
ECS P/N 361201

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

APPROVALS	DATE
DRAWN BY R LAY	7/19/13
CHECKED BY T CANAPA	3/6/14
ENGINEERING MANAGER DAVID E KNOLL	3/27/14

SIZE	CAGE CODE	LEVEL	ECS PART NO.	REV.
A	66197		361201	A
SCALE				SHEET 1 OF 1