

HITACHI CABLE MANCHESTER

Customer Specification

HCM - 40233/1

RFQ #: 34177

ITEM DESCRIPTION: 50 OHM MICRO COAX CABLE, CONSISTING OF SINGLE CONDUCTOR, 40 AWG, SPIRAL SHIELDED WITH A PET TAPE JACKET. (UL) 1354

COMPONENT:

CONDUCTOR: 40 AWG 7/48 SILVER PLATE ALLOY
.0037" NOM OD

INSULATION: PFA (PERFLUOROALKOXY)
.010" NOM OD
.003" AVG WALL

SPIRAL SHIELD:

CONDUCTOR: 48 AWG HARD TIN COPPER
90% MIN. COVERAGE

A CLEAR PET SEPARATOR TAPE IS HELICALLY APPLIED OVER THE SPIRAL SHIELD WITH A MINIMUM 25% OVERLAP.

TAPE JACKET:

PET TAPE - BLUE
.014" NOM OD

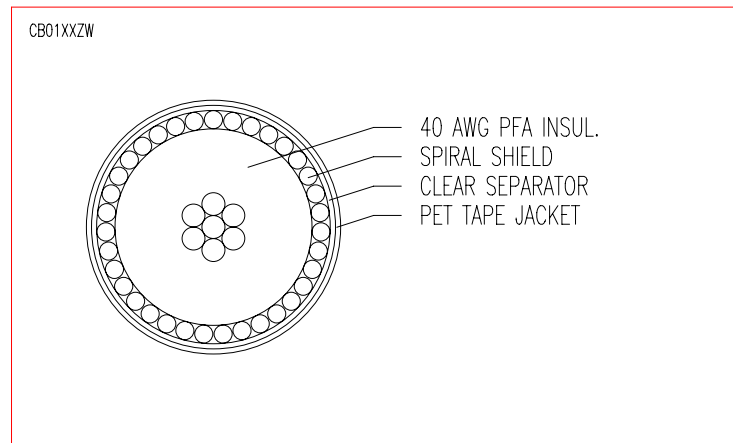
AN ADHESIVE BACKED PET TAPE IS HELICALLY APPLIED OVER THE SHIELDED COAXIAL CORE AS THE OVERALL JACKET, WITH A MINIMUM 25% OVERLAP.

HITACHI CABLE MANCHESTER, INC. 900 Holt Avenue-East Industrial Park Manchester, N.H. 03109 (603) 669-4347	Drawn By: EGA Date: 01/25/07 Checked By: PFA Date: 01/25/07 Issued By: EGA Date: 01/25/07	REV# C
	THIS PRODUCT MADE IN THE U.S.A.	
ITEM: 40233-0001-A29-XXX-600-S-03000-9999-00	PAGE 1 of 2 Approved By: Date:	

HITACHI CABLE MANCHESTER

Customer Specification

HCM - 40233/1



MARKING:

NO SURFACE PRINT REQUIRED FOR THIS CABLE

AGENCY APPROVALS:

U.L. RECOGNIZED AWM STYLE 1354, 80C, 30V.
USE: INTERNAL WIRING OF CLASS 2 CIRCUITS OF
ELECTRONIC EQUIPMENT OR AS INSULATED SINGLE IN
JACKETED MULTICONDUCTOR CABLES.

**TYPICAL ELECTRICAL
CHARACTERISTICS:**

CONDUCTOR RESISTANCE: 5 Ohms/m @ 20C
CHARACTERISTIC IMPEDANCE: 50 ± 3.5 OHMS
CAPACITANCE: 100 pF/m nominal
TEMPERATURE RATING: -20C to +105C

ENVIRONMENTAL - ROHS COMPLIANT*
DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE
COUNCIL ON THE RESTRICTION OF THE USE OF CERTAIN HAZARDOUS
SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT.

*ALLOWABLE LIMITS SUBJECT TO CHANGE

NOTE: COMPLIANT ON DATE OF LATEST REVISION OF HCM
SPECIFICATION.

Rev	Revision	Date	By	Appvd	PAGE 2 of 2
A	UPDATED DIMENSIONS	04/25/07	ZD	KDA	
B	ADDED SEPARATOR BETWEEN SS & PET JKT	09/21/09	KDA	KDA	
C	CHANGED CENTER CONDUCTOR	05/13/11	JME	JME	