

HITACHI CABLE AMERICA

Customer Specification

HCM - 48621/26

- C O N F I D E N T I A L -

RFQ #: 54734

ITEM DESCRIPTION: SCSI LITE CABLE, CONSISTING OF 13 PAIRS, 28 AWG, DUAL SHIELDED WITH A FLEX PVC JACKET. CMG, C(UL)

COMPONENT:

CONDUCTOR: 28 AWG 7/36 TINNED COPPER
.015" NOM OD

INSULATION: SEMI-RIGID PVC LF
.028" NOM OD
.0065" AVG WALL

COPPER DIAMETER CONVERSION: 0.381 MM
PRIMARY DIAMETER CONVERSION: 0.711 MM

PAIRING:

COMPONENTS ARE TWISTED INTO PAIRS WITH VARYING LEFT HAND LAYS TO MINIMIZE CROSSTALK.

<u>PAIR #</u>	<u>COLOR</u>	<u>PAIR #</u>	<u>COLOR</u>
1	WHT-TAN+TAN-WHT	2	WHT-BRN+BRN-WHT
3	WHT-PNK+PNK-WHT	4	WHT-ORN+ORN-WHT
5	WHT-YEL+YEL-WHT	6	WHT-GRN+GRN-WHT
7	WHT-BLU+BLU-WHT	8	WHT-VIO+VIO-WHT
9	WHT-GRY+GRY-WHT	10	TAN-BRN+BRN-TAN
11	TAN-PNK+PNK-TAN	12	TAN-ORN+ORN-TAN
13	TAN-YEL+YEL-TAN		

CABLING:

THE COMPONENTS ARE CABLED TOGETHER WITH A LEFT HAND LAY AND WRAPPED WITH AN ALUMINUM/POLYESTER TAPE (ALUMINUM SIDE OUT). A 28 AWG 7/36T DRAIN WIRE IS APPLIED OVERALL, 25% MIN OVERLAP ON TAPE.

BRAID SHIELD:

CONDUCTOR: 9 ENDS 36 AWG TINNED COPPER
85% MIN. COVERAGE

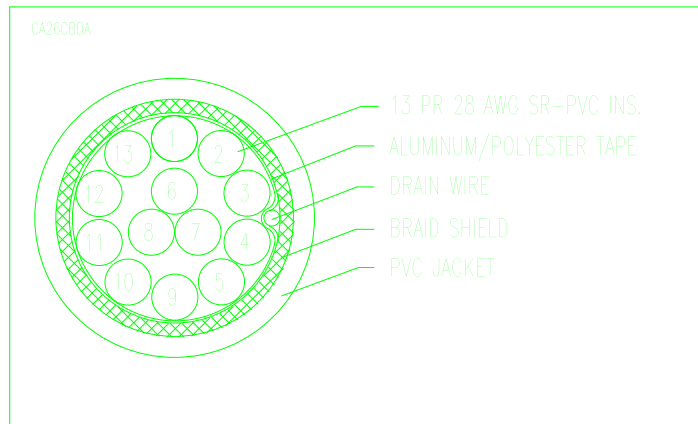
HITACHI CABLE AMERICA 900 Holt Avenue-East Industrial Park Manchester, N.H. 03109 (603) 669-4347	Drawn By: RPO Date: 06/04/98 Checked By: JS Date: 06/04/98 Issued By: MGR Date: 06/04/98	REV# C
	THIS PRODUCT MADE IN THE U.S.A.	
ITEM: 48621-0026-H00-XXX-850-S-01000-5313-00	PAGE 1 of 3 Approved By: Date:	

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OVERALL JACKET:

FLEX PVC LF PEBBLE GRAY
.285" NOM OD
.032" AVG WALL

JACKET DIAMETER CONVERSION: 7.239 MM
JACKET IS TO BE ROUND AND SMOOTH.



MARKING:

THE CABLE IS IDENTIFIED WITH THE FOLLOWING PRINT LEGEND:

**HITACHI CABLE AMERICA - 48621 SCSI Lite 28 AWG
75C SHIELDED c(UL)us TYPE CMG - ZZ/DD/YY HR:MN (XXXX)**

WHERE: ZZ = MONTH OF MFG.

DD = DATE OF MFG.

YY = YEAR OF MFG.

HR = HOUR (MILITARY)

MN = MINUTE

XXXX = JOB NUMBER

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AGENCY APPROVALS:

UNDERWRITERS LABORATORIES, INC. TYPE CMG CLASSIFIED COMMUNICATIONS CABLE FOR GENERAL PURPOSE COMMUNICATIONS USE WITH THE EXCEPTION OF RISERS & PLENUMS, IN ACCORDANCE WITH THE EXCEPTION TO ARTICLE 800 OF THE NATIONAL ELECTRIC CODE.

TYPICAL ELECTRICAL CHARACTERISTICS:

IMPEDANCE:	90 Ω \pm 12 Ω
CAPACITANCE:	25 pF/ft. nom
CONDUCTOR RESISTANCE:	67.5 Ω /kft. nom @ 20C

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 HITACHI SPECIFICATION.

Rev	Revision	Date	By	Appvd	PAGE 3 of 3
A					
B					
C	ECN E17031 UPDATED COST AND FORMAT	01/26/17	TRO	KDA	