

# HITACHI CABLE MANCHESTER

## Customer Specification

HCM - 49113/48

**RFQ #:** 14845

**ITEM DESCRIPTION:** ELECTRONIC CABLE, CONSISTING OF 48 CONDUCTORS, 26 AWG, BRAID SHIELDED WITH A PVC JACKET. CL2, PCC FT4

**COMPONENT:**

**CONDUCTOR:** 26 AWG 7/34 TINNED COPPER  
.019" NOM OD

**INSULATION:** SEMI-RIGID PVC  
.039" NOM OD  
.010" AVG WALL

**COND # COLOR**

1	WHT
2	WHT/GRY
3	GRY
4	WHT/BLK/GRY
5	WHT/BLK/BRN
6	WHT/BLK/RED

**CABLING:**

THE COMPONENTS ARE CABLED TOGETHER WITH A LEFT HAND LAY AND WRAPPED WITH A POLYESTER TAPE. A 26 AWG DRAIN WIRE IS APPLIED OVERALL. 25% MIN OVERLAP ON TAPE.

**BRAID SHIELD:**

**CONDUCTOR:** 7 ENDS 38 AWG TINNED COPPER  
85% MIN. COVERAGE

HITACHI CABLE MANCHESTER, INC. 900 Holt Avenue-East Industrial Park Manchester, N.H. 03109 (603) 669-4347	Drawn By: SAB Date: 02/18/97 Checked By: JS Date: 02/19/97 Issued By: RRC Date: 02/21/97	REV# C
	THIS PRODUCT MADE IN THE U.S.A.	
ITEM: 49113-0048-F06-XXX-891-S-01000-0427-00	PAGE 1 of 4 Approved By: Date:	

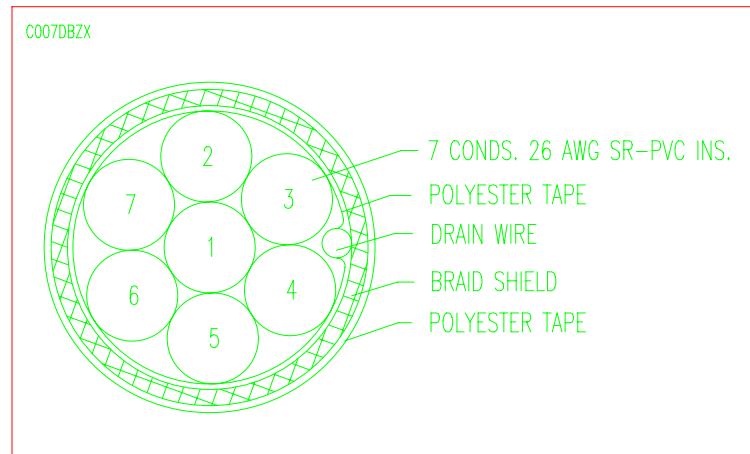
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### SHIELD:

A POLYESTER TAPE IS SPIRALLY APPLIED OVER THE BRAIDED CORE.



### COMPONENT:

#### CONDUCTOR:

26 AWG 7/34 TINNED COPPER  
.019" NOM OD

#### INSULATION:

SEMI-RIGID PVC  
.039" NOM OD  
.010" AVG WALL

#### COND # COLOR

8	WHT/BLK/GRN
10	WHT/BLK/ORN
12	BLK
14	RED
16	YEL
18	BLU
20	WHT/BRN/RED

#### COND # COLOR

9	WHT/BLK/BLU
11	WHT/BLK/YEL
13	BRN
15	ORN
17	GRN
19	VIO
21	WHT/BRN/ORN

### CABLING:

CABLE 14 CONDUCTORS AROUND THE SHIELDED AND TAPED 7 CONDUCTOR CORE, WITH A LEFT HAND LAY.

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### COMPONENT:

CONDUCTOR: 26 AWG 7/34 TINNED COPPER  
.019" NOM OD

INSULATION: SEMI-RIGID PVC  
.039" NOM OD  
.010" AVG WALL

<u>COND #</u>	<u>COLOR</u>	<u>COND #</u>	<u>COLOR</u>
22	WHT/BRN/YEL	23	WHT/BRN/GRN
24	WHT/RED/ORN	25	WHT/RED/YEL
26	WHT/RED/GRN	27	WHT/RED/BLU
28	WHT/BLK	29	WHT/BRN
30	WHT/RED	31	WHT/ORN
32	WHT/YEL	33	WHT/GRN
34	WHT/BLU	35	WHT/VIO
36	WHT/ORN/YEL	37	WHT/ORN/GRN
38	WHT/ORN/BLU	39	WHT/ORN/VIO
40	WHT/YEL/GRN	41	WHT/YEL/BLU
42	WHT/YEL/VIO	43	WHT/YEL/GRY
44	WHT/BRN/BLU	45	WHT/BRN/VIO
46	WHT/RED/VIO	47	WHT/RED/GRY
48	WHT/BLK/VIO		

### CABLING:

CABLE 27 CONDUCTORS AROUND THE 21 CONDUCTOR CORE, WITH A LEFT HAND LAY, AND WRAP WITH A POLYESTER TAPE. PULL IN A 26 AWG DRAIN WIRE OVERALL, 25% MIN OVERLAP ON TAPE.

### BRAID SHIELD:

CONDUCTOR: 10 ENDS 36 AWG TINNED COPPER  
85% MIN. COVERAGE

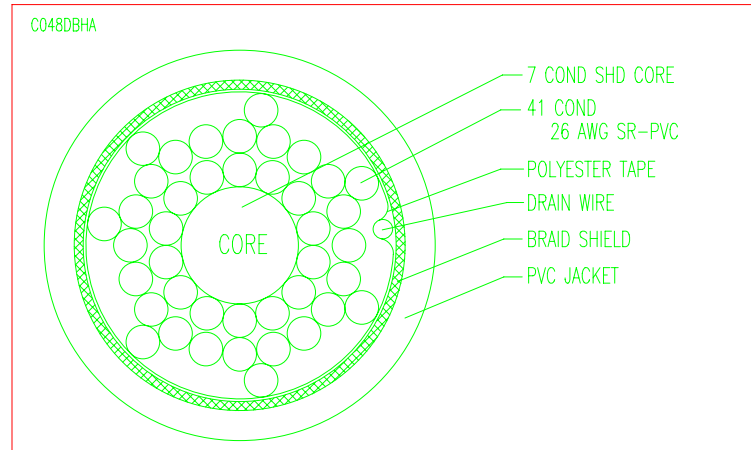
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### JACKET:

PVC JADE GRAY  
.425" NOM OD  
.032" AVG WALL



### MARKING:

THE CABLE IS IDENTIFIED WITH THE FOLLOWING PRINT LEGEND:  
**E34856 (UL) TYPE CL2 75°C 26 AWG SHIELDED/CSA**  
**LL50890 AWM II A/B 80°C 300V FT4.**

### AGENCY APPROVALS:

UNDERWRITERS LABORATORIES TYPE CL2.  
CANADIAN STANDARDS ASSOCIATION PCC FT4.

Rev	Revision	Date	By	Appvd	PAGE 4 of 4
A	SYSTEM DOCUMENT	04/15/97	DSA	RRC	
B	RFQ ADJUSTMENT	04/18/97	DSA	RRC	
C	UPDATED INK RAW MATERIAL NUMBER	10/23/97	DSA	RRC	