

REVISION

NOTES:

- COLOR CODE (C) IS BROWN, RED, ORANGE, YELLOW, GREEN, BLUE, VIOLET, GRAY, WHITE & BLACK (REPEAT). GRAY (G) IS SOLID GRAY WITH ONE EDGE RED. LAMINATE FOR -C IS CLEAR SELF-EXTINGUISHING PVC. LAMINATE FOR -G IS GRAY PVC-FLAME RETARDANT VW-1.
- VENDOR EXCEPTION-BELDEN TO MEASURE .035±.003 FOR BOTH .050 AND .100 C.L. GRAY CABLE. HITACHI TO MEASURE .035±.003 FOR .050 C.L. CABLE.
- AS OF REVISION "U", ALL CABLE ORDERED FROM THE MANUFACTURER WILL BE LEAD FREE.
- WIRE TO BE STRIPPED TO PROPER SPECIFIED NUMBER OF POSITIONS. DIMENSION "A" DOES NOT APPLY TO STRIPPED CABLE.
- INSULATION MUST BE CADMIUM FREE PER RoHS STANDARD.

DATA	COLOR CODED	GRAY
VOLTAGE RATING:	300V	300V
CURRENT RATING:	1 AMP NOM @ 10°C	1 AMP NOM @ 10°C
TEMP RATING:	80°C STANDARD	105°C STANDARD
IMPEDANCE:	92 OHMS NOM.	105 OHMS NOM.
CAPACITANCE:	17 PF/FT(55.8 PF/M) NOM.	15 PF/FT(49.2 PF/M) NOM.
CROSSTALK:	10' SAMPLE: 5 NS RISE TIME WITH TWO LINES DRIVEN NE=6.6%, FE=7.3% NOM.	10' SAMPLE: 5 NS RISE TIME WITH TWO LINES DRIVEN NE=6.2%, FE=7.3% NOM.
PROPAGATION DELAY:	1.4 NS/FT (4.6 NS/M) NOM.	1.4 NS/FT (4.6 NS/M) NOM.
INSUL. RESISTANCE:	10 ¹⁰ OHMS/10 FT (3M) MIN.	10 ¹⁰ OHMS/10 FT (3M) MIN.
UL STYLE NUMBER:	COMPONENT WIRE STYLE 1061 CABLE STYLE 2697	CABLE STYLE 2651

CB-XX-28-7/36-XXX-X

No. CONDUCTORS

-02 THRU -72
SEE TABLE 1 FOR
VENDOR PART NUMBERS
(SEE NOTE 4)

INSULATION TYPE

C: COLOR CODED
G: GRAY
(SEE NOTE 1)

TOTAL AWG

STRANDS/AWG OF
INDIVIDUAL STRANDS

WIRE CENTERLINE
XXX/1000 INCHES

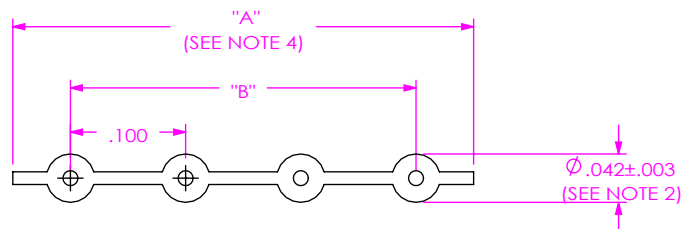


FIG 1

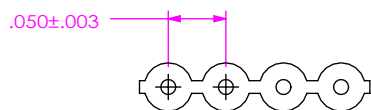


FIG 2

DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1

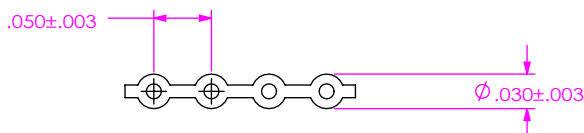


FIG 3

DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1

AE

TABLE 1					
PART NUMBER	"A"	"B"	FIG.	VENDOR NUMBER	
				BELDEN	HITACHI
CB-05-28-7/36-100-G	.505	.400±.010	1	SSD1028-100	
CB-16-28-7/36-100-C	1.605	1.50±.010	1		
CB-24-28-7/36-100-G	2.405	2.30±.010	1	YP 4413	
CB-26-28-7/36-100-C	2.605	2.50±.010	1	YP4287	
CB-36-28-7/36-100-C	3.605	3.50±.030	1	YP4286	
CB-36-28-7/36-100-G	3.605	3.50±.030	1	YP3880	
CB-12-28-7/36-050-C	.600	.55±.010	2	YP3775	
CB-72-28-7/36-050-G	3.605	3.55±.020	2	9L28072	23100-072
CB-14-28-7/36-050-C	.700	.65±.010	2	9R28014	
CB-16-28-7/36-050-C	.800	.75±.015	2	9R28016	
CB-24-28-7/36-050-C	1.200	1.15±.015	2	YP4483	
CB-40-28-7/36-050-C	2.000	1.95±.020	2	9R28040	
CB-50-28-7/36-050-C	2.500	2.45±.011	2	9R28050	
CB-50-28-7/36-050-G	2.500	2.45±.011	2	9L28050	
CB-64-28-7/36-050-G	3.200	3.15±.015	2	9L28064	
CB-60-28-7/36-050-C	3.000	2.95±.015	2	9R28060	

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS

.XX: ±.01

.XXX: ±.005

.XXXX: ±.0020

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DO NOT SCALE DRAWING

SHEET SCALE: 6:1

DESCRIPTION:

INSULATION DISPLACEMENT CABLE

DWG. NO.

CB-XX-28-7/36-XXX-X

BY: PURVIS

01/08/1987

SHEET 1 OF 1