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REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	RELEASED FOR PRODUCTION	7/29/96	ON FILE
A	REVISED PER ECO #96-054	10/2/96	ON FILE

Cable, 3 Twisted Pair, 32AWG, With Overall Braided Shield

*EAN=026029*  
*11 Confirmed 1 of 3*  
 此文件等同于本公司 *drawing*  
 编号 *C12349* 版本 *A*  
 批准 *Met* 日期 *Feb. 28. 02*

APPROVALS	DATE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: X.XXX ± 0.005 X.XXXX ± 0.001	CRYSTAL Engineering Corporation	PART NUMBER	2053	REV	A
DRAWN	M. J. CAIN						
DESIGN	T. Halaczkiwicz	7/29/96	UNIT OF MEASURE: FEET				
MFG. ENG.	P. Dauber	7/29/96	USED ON: PV-350				
QA	P. Dauber	7/29/96	SHEET 1 OF 3				

1 Physical and Environmental Requirements:

- 1.1 Jacket: 0.026in. thick PVC, 105°C UL Rating, Black
- 1.2 Marking: None
- 1.3 Shield: Internal Overall Tinned Copper Braid #40AWG, 85% Min. Coverage
- 1.4 Wire Configuration: Three Twisted Pair
- 1.5 Wire Size: 32 AWG (7 strands of 40 AWG)
- 1.6 Wire Insulation: 0.007in thick Polyester, 105°C Rating
- 1.7 Wire Colors: Pair 1: Black and White  
Pair 2: Blue and Red  
Pair 3: Yellow and Green
- 1.8 Wire Voltage Rating: 600 Volts R.M.S. Maximum
- 1.9 Overall Diameter:  $\varnothing$  .145 ±.005 inch
- 1.10 Operating Temperature Range: -10°C to 105°C
- 1.11 Storage Temperature Range: -51°C to 105°C
- 1.12 Overall Cable Flexibility: 1.50 inches Maximum Internal Bend Radius
- 1.13 Refer to Figure 1 for general Physical Configuration

2 Performance

- 2.1 Nominal Capacitance per Foot (Within Pair): 49pF @ 1 KHz
- 2.2 Nominal Capacitance per Foot (Wire to Shield) 86pF @ 1KHz
- 2.3 Maximum Resistance per 1000 Feet (Single Conductor): 182 $\Omega$  @ 20°C (DC Voltage)

3 Sources of Supply:

- 3.1 Coast Wire & Plastic Tech. PN: CWPT 13385  
1510 W. 135<sup>th</sup> St  
Gardena, CA 90249  
(310) 327-5260

*EAN: 020029*  
*UL Confirmed 2073*  
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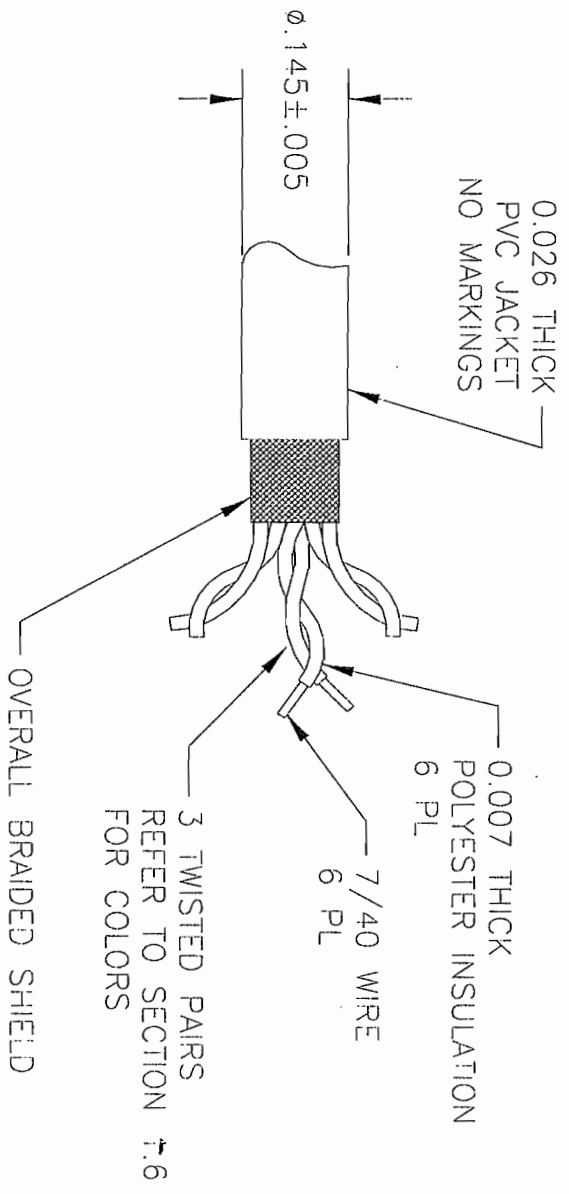


Figure 1  
Cable Physical Configuration

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