
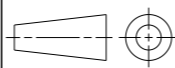


THIS DRAWING IS UNPUBLISHED.  
 RELEASED FOR PUBLICATION 2000  
 © COPYRIGHT 2000 ALL RIGHTS RESERVED.

|     |      |           |     |                      |           |     |      |
|-----|------|-----------|-----|----------------------|-----------|-----|------|
| LOC | DIST | REVISIONS |     |                      |           |     |      |
| A1  | -    | P         | LTR | DESCRIPTION          | DATE      | DWN | APVD |
|     |      | A6        |     | PN 7-1437356-6 added | 08JUN2016 | TB  | GA   |

| DIM. A | DIM. B | NO. OF COND. | REEL LENGTH 30.5m      |         | REEL LENGTH 100m       |             | REEL LENGTH 500m       |             | REEL LENGTH 1000m |
|--------|--------|--------------|------------------------|---------|------------------------|-------------|------------------------|-------------|-------------------|
|        |        |              | TE PN                  | OLD PN  | TE PN                  | OLD PN      | TE PN                  | OLD PN      |                   |
| 5.08   | 3.81   | 4            |                        |         | 0-1437356-3            | 171-04G100M | 0-1437356-4            | 171-04G500M |                   |
| 7.62   | 6.35   | 6            | 0-1437356-6            | 171-06G | 3-1437356-6            | 171-06G100M | 0-1437356-8            | 171-06G500M |                   |
| 10.16  | 8.89   | 8            | 1-1437356-2            | 171-08G | 1-1437356-3            | 171-08G100M | <del>1-1437356-6</del> | 171-08G500M |                   |
| 11.43  | 10.16  | 9            | 1-1437356-8            | 171-09G | 1-1437356-9            | 171-09G100M |                        |             |                   |
| 12.70  | 11.43  | 10           | 2-1437356-9            | 171-10G | 3-1437356-0            | 171-10G100M | 3-1437356-2            | 171-10G500M |                   |
| 15.24  | 13.97  | 12           |                        |         | 3-1437356-9            | 171-12G100M |                        |             |                   |
| 17.78  | 16.51  | 14           | 4-1437356-9            | 171-14G | 5-1437356-1            | 171-14G100M |                        |             |                   |
| 19.05  | 17.78  | 15           | 6-1437356-1            | 171-15G | 6-1437356-2            | 171-15G100M |                        |             |                   |
| 20.32  | 19.05  | 16           | 7-1437356-3            | 171-16G | 7-1437356-4            | 171-16G100M |                        |             | 7-1437356-6       |
| 22.86  | 21.59  | 18           | <del>8-1437356-1</del> | 171-18G | 8-1437356-2            | 171-18G100M |                        |             |                   |
| 25.40  | 24.13  | 20           | 9-1437356-1            | 171-20G | 9-1437356-2            | 171-20G100M |                        |             |                   |
| 30.48  | 29.21  | 24           | 0-1437357-6            | 171-24G | 0-1437357-7            | 171-24G100M |                        |             |                   |
| 31.75  | 30.48  | 25           | 1-1437357-9            | 171-25G | 2-1437357-0            | 171-25G100M |                        |             |                   |
| 33.02  | 31.75  | 26           | 3-1437357-4            | 171-26G | 3-1437357-5            | 171-26G100M |                        |             |                   |
| 38.10  | 36.83  | 30           |                        |         | <del>4-1437357-3</del> | 171-30G100M |                        |             |                   |
| 43.18  | 41.91  | 34           | 5-1437357-5            | 171-34G | 5-1437357-6            | 171-34G100M |                        |             |                   |
| 45.72  | 44.45  | 36           | <del>6-1437357-4</del> | 171-36G | <del>6-1437357-5</del> | 171-36G100M |                        |             |                   |
| 46.99  | 45.72  | 37           | 7-1437357-3            | 171-37G | 7-1437357-4            | 171-37G100M |                        |             |                   |
| 50.80  | 49.53  | 40           | 8-1437357-9            | 171-40G | 9-1437357-0            | 171-40G100M |                        |             |                   |
| 55.88  | 54.61  | 44           | <del>0-1437358-2</del> | 171-44G | <del>0-1437358-3</del> | 171-44G100M |                        |             |                   |
| 63.50  | 62.23  | 50           | 1-1437358-1            | 171-50G | 1-1437358-2            | 171-50G100M |                        |             |                   |
| 71.12  | 69.85  | 56           | 2-1437358-0            | 171-56G |                        |             |                        |             |                   |
| 76.20  | 74.93  | 60           | 2-1437358-7            | 171-60G | 2-1437358-8            | 171-60G100M |                        |             |                   |
| 81.28  | 80.01  | 64           | 3-1437358-7            | 171-64G | 3-1437358-8            | 171-64G100M |                        |             |                   |

FLAT CABLE SERIES 171G ANSLEY

|   |  |   |           |  |   |
|---|--|---|-----------|--|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT.  |  | DWN   | 18NOV2002 |  |  TE Connectivity |
|   |  | CHK   | 19NOV2002 |  |   |
|   |  | APVD  | 19NOV2002 |  |   |
|   |  | PRODUCT SPEC  | -         |  |   |
| DIMENSIONS: mm  |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                      |           | NAME   |   |
|  |  | 0 PLC ±<br>1 PLC ±<br>2 PLC ±<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±<br>FINISH - |           | FLAT CABLE 28 AWG<br>STRANDED PVC INSULATION |   |
| MATERIAL -  |  | FINISH -  |           | APPLICATION SPEC -                           |   |
|   |  | WEIGHT -  |           | RESTRICTED TO -                              |   |
| CUSTOMER DRAWING  |  |   |           | SCALE  | 20:1  |
|   |  |   |           | SHEET  | 1 OF 2  |
|   |  |   |           | REV  | A6  |

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

2000

© COPYRIGHT 2000

BY -

ALL RIGHTS RESERVED.

LOC

DIST

REVISIONS

A1

-

P

LTR

DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1

STANADARD 1.27mm FLAT CABLE

ANSLEY 171G SERIES

WIRE GAUGE 28 AWG (7/36) STRANDED

INSULATION PVC, BLUE

TEMPERATURE RATING 105 °C

VOLTAGE RATING 300V rms

IMPEDANCE 100Ω

CAPACITANCE 46pF/m

INDUCTANCE 0.46 μH/m

VELOCITY OF PROPAGATION 4.53nS/m

INSULATION RESISTANCE 10<sup>10</sup> ΩTYPICAL CROSSTALK RISE CHARACTERISTICS  
3.05m SAMPLE 1 LINE DRIVEN

RISE TIME 3.0nS 7.0 nS

NEAR END 5.0% 3.2%

FAR END 6.7% 2.7%

UL STYLE NO. 2651

△ 4 OBSOLETE PARTS: OBSOLETE C IS STREAMLINING PER D.RENAUD/D.SINISI

△ 5 Bending radius for 1-1437358-1  
one-time min. : 5 x outer diameter  
repeated min. : 15 x outer diameter△ 1 INSULATION OF FIRST CONDUCTOR MARKED WITH  
A BLUE LINE WITH FURTHER ALTERNATING RED AND  
BLUE MARKINGS EVERY 5TH CONDUCTOR△ 2 DIMENSION B TOLERANCE X  
... 14 CONDUCTORS ±0.18  
15 ... 37 CONDUCTORS ±0.25  
38 ... CONDUCTORS ±0.38△ 3 ACCUMULATION OF PITCH TOLERANCE BETWEEN  
CONDUCTORS IN ENTIRE CABLE MAY NOT EXCEED  
TOLERANCE OF DIMENSION B

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN 18NOV2002

G.ACKERMANN

CHK 19NOV2002

M.SCHAARSCHMIDT

APVD 19NOV2002

G.FELDMEIER

NAME

FLAT CABLE 28 AWG  
STRANDED PVC INSULATION

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C=1437356

-

Customer Drawing

SCALE 20:1

SHEET 2 OF 2

REV A6

DIMENSIONS:

mm

MATERIAL

-

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

±0.1

0 PLC

±

1 PLC

±0.5

2 PLC

±0.13

3 PLC

±0.013

4 PLC

±0.0001

ANGLES

±

FINISH

-

TE Connectivity

1470-19 (3/11)