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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
A1	-	PART NUMBER CHANGED TO TYCO	18NOV2002	ACK	GF

DIM. A	DIM. B	NO. OF COND.	REEL LENGHT 30.5m		REEL LENGHT 100m		REEL LENGHT 500m	
			TYCO - PN	OLD PN	TYCO - PN	OLD PN	TYCO - 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	0-1437356-7	171-06G100M	0-1437356-8	171-06G500M
10.16	8.89	8	1-1437356-2	171-08G	1-1437356-3	171-08G100M	1-1437356-6	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		
22.86	21.59	18	8-1437356-1	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			4-1437357-3	171-30G100M		
43.18	41.91	34	5-1437357-5	171-34G	5-1437357-6	171-34G100M		
45.72	44.45	36	6-1437357-4	171-36G	6-1437357-5	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	0-1437358-2	171-44G	0-1437358-3	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

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DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	0 PLC ±
	1 PLC ±
	2 PLC ±
	3 PLC ±
	4 PLC ±
	ANGLES ±
MATERIAL -	FINISH -

DWN	18NOV2002
G.ACKERMANN	
CHK	19NOV2002
M.SCHLEIHAUF	
APVD	19NOV2002
G.FELDMEIER	
PRODUCT SPEC	-
APPLICATION SPEC	-
WEIGHT	-

**tyco** tyco Electronics AMP GmbH  
 Electronics D - 67346 Speyer

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 1 OF 2 REV A1

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LOC	DIST	REVISIONS			
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> Ω

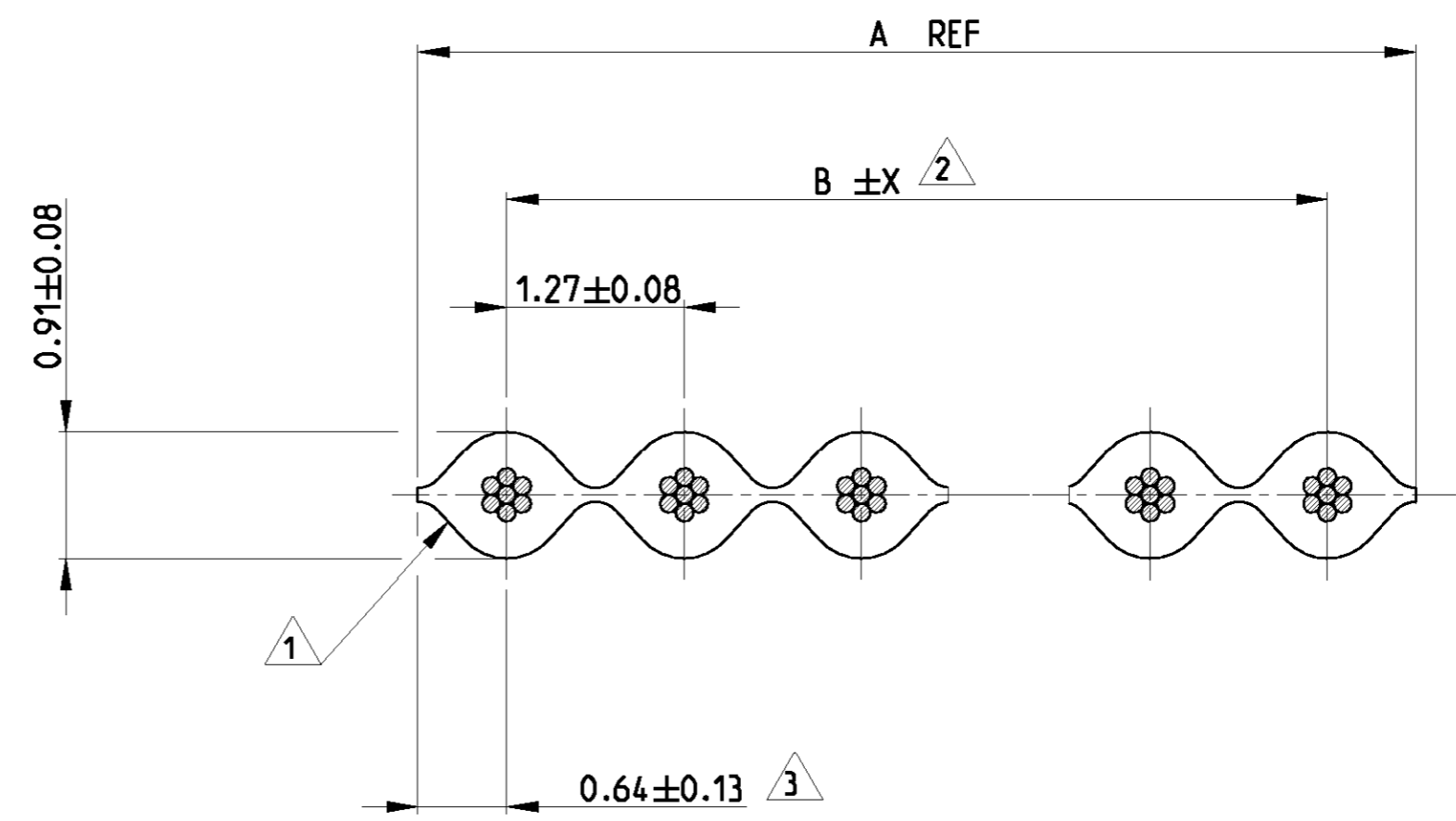
**TYPICAL CROSSTALK RISE CHARACTERISTICS  
 3.05m SAMPLE 1 LINE DRIVEN**

RISE TIME 3.0nS 7.0 nS

NEAR END 5.0% 3.2%

FAR END 6.7% 2.7%

UL STYLE NO. 2651



INSULATION OF FIRST CONDUCTOR MARKED WITH A BLUE LINE WITH FURTHER ALTERNATING RED AND BLUE MARKINGS EVERY 5TH CONDUCTOR



DIMENSION B TOLERANCE X  
 ... 14 CONDUCTORS ±0.18  
 15 ... 37 CONDUCTORS ±0.25  
 38 ... CONDUCTORS ±0.38



ACCUMULATION OF PITCH TOLERANCE BETWEEN CONDUCTORS IN ENTIRE CABLE MAY NOT EXCEED TOLERANCE OF DIMENSION B

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DIMENSIONS: mm		CHK 19NOV2002 M.SCHLEIHAUF	NAME <b>FLAT CABLE 28 AWG          STRANDED PVC INSULATION</b>	
		APVD 19NOV2002 G.FELDMER	PRODUCT SPEC - APPLICATION SPEC - WEIGHT -	
MATERIAL - FINISH -		SIZE A3 CAGE CODE 00779 DRAWING NO C-1437356 RESTRICTED TO -		
CUSTOMER DRAWING			SCALE 20:1	SHEET 2 OF 2 REV A1

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