

**Alpha Wire Company**

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Product Specifications: 3586/26 - 3586/60**Date Issued: 02/08/00**

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Product Description: Twist-to-Flat cable, 28 AWG (7/36) tinned copper conductors, color coded polyvinylchloride insulation, bonded at intervals.

Note: All dimensions are in inches unless otherwise specified.

Construction Requirements**Conductor Data:**

Material	Tinned Copper
Gauge, Stranding	28, 7/36

Insulation Data:

Material	Polyvinylchloride
Nominal Wall Thickness	0.010
Nominal Diameter	0.037

Assembly Data:

Number of Pairs	See Table 1
Nominal Overall Width	See Table 1
Nominal Overall Span	See Table 1
Color Code	See Table 2, Color Code Repeats After 10 Pairs
Laminated Film Thickness	0.007, Nominal
Twisted Length	18, Nominal
Flat Length	2, Nominal

Finished Product Requirements:

Nominal Capacitance	21 pF/ft
Nominal Impedance	100 Ohms
Propagation Delay	1.56 ns/ft
Crosstalk	Near End: 3.8% Far End: 1.5%
Voltage Rating	150 Volts
Temperature Range	-20°C to 105°C
UL AWM Style	20184

Availability:

100 ft Put-ups may contain multiple lengths.

Table 1

<u>Part Number</u>	<u># of Pairs</u>	<u>Nominal Width</u>	<u>Nominal Span</u>
3586/26	13	1.3	1.25
3586/40	20	2.0	1.95
3586/50	25	2.5	2.45
3586/60	30	3.0	2.95

Table 2

<u>Pair #</u>	<u>Color</u>
1	TAN, BROWN
2	TAN, RED
3	TAN, ORANGE
4	TAN, YELLOW
5	TAN, GREEN
6	TAN, BLUE
7	TAN, VIOLET
8	TAN, GRAY
9	TAN, WHITE
10	TAN, BLACK
Repeat	