

# FLAT CABLE

## SHIELDED ROUND-TO-FLAT CABLE

### 0.050" CENTERS

UL TYPE CL2  
UL STYLE 20381  
150 VOLT

### SHIELDED ROUND-TO-FLAT CABLE APPLICATIONS:

- For Routing in Cramped Spaces  
Where Flat Cable is Required and a  
Round Shape is More Workable



### CHARACTERISTICS

#### OPERATING TEMPERATURE:

- -20°C to 105°C

#### VOLTAGE RATING:

- 300 Volt — AWM  
150 Volt — CL2

#### COLOR DESCRIPTION:

- Color Code: Gray with Red Stripe  
on Leading Edge

#### PRODUCT DESCRIPTION:

- Conductor: Stranded Tinned  
Copper Conductors on 0.050"  
(1,27mm) Centers
- Insulation: PVC
- Shielding: Aluminum / Polyester  
with Tinned Copper Braid  
(90% Coverage )
- Flat Cable Termination are 0.75"  
in Length and Occurs Every 1.5"
- Black PVC Jacket Thickness:  
0.030" (0,08mm)

**28 AWG** (0,09mm<sup>2</sup>), **7/36** (7x0,13mm), Insulation Thickness: **0.010"** (0,25mm)

| Alpha<br>Part No. | No. of<br>Conductors | Nominal Diameter |       | Nominal Width |       |
|-------------------|----------------------|------------------|-------|---------------|-------|
|                   |                      | Inches           | mm    | Inches        | mm    |
| <b>3585/25</b>    | 25                   | 0.34             | 8,64  | 1.20          | 30,48 |
| <b>3585/26</b>    | 26                   | 0.39             | 9,91  | 1.65          | 41,91 |
| <b>3585/40</b>    | 40                   | 0.40             | 10,20 | 1.95          | 49,53 |
| <b>3585/50</b>    | 50                   | 0.46             | 11,70 | 2.45          | 62,23 |

### SPECIFICATIONS

- Capacitance: 24 pF / ft (69 pF / m)  
at 1MHz Nom.
- Impedance: 70 Ohms Nom.
- UL Type CL2
- UL AWM Style 20381



Passes  
**UL 910 Flame Test**  
Underwriters Laboratories Inc.

### AVAILABILITY

- 100 ft (30,5m) put-ups,  
may contain multiple lengths



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