

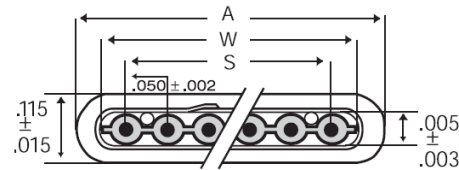
# PROTERIAL Shielded Flat Ribbon Cable



## PRODUCT HIGHLIGHTS

- Shielded flat ribbon cable for EMI/RFI/ESD considerations.
- Two drain wires for insured grounding.
- Cable core features our popular .050" pitch ribbon cable for ease of termination with most IDC connectors.
- Choose from a wide selection of conductor counts.
- Flat design offers alternative to round cable in tight routing areas.
- UL Listing: 2912
- UL Voltage Rating: 150V
- UL Temp: 105° C
- Available in .025" pitch ribbon cable using PVC or TPO insulation.

**Physical Construction Description:** Using 23100 for the core of this shielded cable, two 28 AWG (7/36 TC) drain wires are pulled in separate to ensure contact with the Aluminum/Polyester tape (AL side in). The core is jacketed in Black PVC\*



| Conductor                | Insulation | Drain                | Shield                | Conductor Resistance $\Omega$ /Mft. @ 20°C | Capacitance (G-S-G) pF/ft. | Impedance (G-S-G) (Ohms) | Jacket        |
|--------------------------|------------|----------------------|-----------------------|--|----------------------------|--------------------------|---------------|
| 28 AWG<br>7/36<br>Tinned | PVC*       | 2) 28<br>AWG<br>7/36 | .00135"<br>AL/<br>PET | 67   | 21.7                       | 70                       | Black<br>PVC* |

| Part No.  | Configuration | No. of | Overall "A"        | Width "W" | Span "S" | Standard Put-Ups |
|-----------|---------------|--------|--------------------|-----------|----------|------------------|
| 23012-014 | A2807-7-14T   | 14     | 0.770" $\pm$ .035" | 0.700"    | 0.650"   | 100'             |
| 23012-015 | A2807-7-15T   | 15     | 0.820" $\pm$ .035" | 0.750"    | 0.700"   | 100'             |
| 23012-016 | A2807-7-16T   | 16     | 0.870" $\pm$ .035" | 0.800"    | 0.750"   | 100'             |
| 23012-020 | A2807-7-20T   | 20     | 1.070" $\pm$ .035" | 1.000"    | 0.950"   | 100'             |
| 23012-025 | A2807-7-25T   | 25     | 1.320" $\pm$ .035" | 1.250"    | 1.200"   | 100'             |
| 23012-026 | A2807-7-26T   | 26     | 1.370" $\pm$ .035" | 1.300"    | 1.250"   | 100'             |
| 23012-034 | A2807-7-34T   | 34     | 1.770" $\pm$ .035" | 1.700"    | 1.650"   | 100'             |

