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## 3M™ Round Conductor Flat Cable, 3801 Series, Standard Version, 3801/24, 100 ft.

24 conductors, .050" 26 AWG Stranded, PVC



GTIN(UPC/EAN) : 0 00 54007 32087 6  
3M Id : 80-6100-8853-8

|  |   |
|--|---|
| Characteristics                        |   |
| Cable Style                            | Flat  |
| Canadian Option                        | AWM 2651 105C 300V VW1 3M NU AWM IA 105C 300V FT1 |
| Capacitance -- Balanced                | 0 Picofarad                                       |
| Capacitance -- Unbalanced              | 16.2 Picofarad                                    |
| Characteristic Impedance -- Unbalanced | 89 Ohm  |
| Color                                  | Gray Standard or Black (See Ordering Information) |
| Conductor Material                     | Copper  |
| Conductor Resistance                   | 41 Ohm  |
| Conductors                             | 26 AWG 7x34 [7x0.160] Tinned Stranded Copper      |
| EPC Can View                           | Public  |
| EU RoHS Compliant                      | Yes   |
| First Position Marking                 | Red   |
| Flammability Rating -- Canada          | FT1   |

|  |                                       |
|--|---------------------------------------|
| <b>Flammability Rating -- EU</b>           | None                                  |
| <b>Flammability Rating--USA</b>            | VW-1                                  |
| <b>Impedance -- Balanced</b>               | 0 Ohm                                 |
| <b>Impedance -- Unbalanced</b>             | 89 Ohm                                |
| <b>Inductance -- Balanced</b>              | 0 Microhenry                          |
| <b>Inductance -- Unbalanced</b>            | .13 Microhenry                        |
| <b>Insulation Material</b>                 | Polyvinyl Chloride (PVC)              |
| <b>Insulation Resistance</b>               | >1x10 <sup>10</sup> Ohm/10ft [3m]     |
| <b>Jacket</b>                              | No                                    |
| <b>Lower Temperature Rating</b>            | -20 Degree Celsius                    |
| <b>Markings</b>                            | None                                  |
| <b>Material</b>                            | Polyvinyl Chloride (PVC)              |
| <b>Number of Conductors</b>                | 24                                    |
| <b>Pitch</b>                               | 0.050 Inch                            |
| <b>Plating Material</b>                    | Tin                                   |
| <b>Primary Configuration</b>               | Parallel                              |
| <b>Primary Insulation Color</b>            | Gray                                  |
| <b>Primary Insulation Material</b>         | Polyvinyl Chloride (PVC)              |
| <b>Propagation Delay -- Balanced</b>       | 0 Nanosecond                          |
| <b>Propagation Delay -- Unbalanced</b>     | 1.44 Nanosecond                       |
| <b>Shape</b>                               | Flat                                  |
| <b>Shield</b>                              | No                                    |
| <b>Stranding</b>                           | 7 X 34 [7 X 0.160]                    |
| <b>Temperature Rating</b>                  | -20 Degree C to +105 Degree C         |
| <b>UL File Number</b>                      | E42769                                |
| <b>UL Listed -- USA</b>                    | None                                  |
| <b>UL Recognized -- USA</b>                | AWM Style 2651                        |
| <b>UL Recognized-- Canada</b>              | IA                                    |
| <b>Unbalanced Capacitance</b>              | 16.2 pF/ft [53.1 pF/m]                |
| <b>Unbalanced Inductance</b>               | .13 microHenry/ft [0.43 microHenry/m] |
| <b>Unbalanced Propagation Delay</b>        | 1.44 ns/ft [4.72 ns/m]                |
| <b>Upper Temperature Rating -- Canada</b>  | 105 Degree Celsius                    |
| <b>Upper Temperature Rating -- USA</b>     | 105 Degree Celsius                    |
| <b>Velocity of Propagation--Unbalanced</b> | 71%                                   |
| <b>Voltage Rating -- Canada</b>            | 300 Volt                              |
| <b>Voltage Rating -- EU</b>                | >0 to <50 Volt                        |
| <b>Voltage Rating--USA</b>                 | 300V                                  |
| <b>Voltage Rating: EU</b>                  | <50V                                  |
| <b>Wire Gauge</b>                          | 26 American Wire Gauge (AWG)          |

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Packaging

3M Id:80-6100-8853-8

Minimum Order Quantity:3.0 RLS

Case Quantity:3.0 RLS

|              | English     | Metric    |
|--------------|-------------|-----------|
| Length       | 9.1 INCH    | 0.231 MTR |
| Width        | 9.1 INCH    | 0.231 MTR |
| Height       | 10.7 INCH   | 0.272 MTR |
| Gross Weight | 21.0700 LBS | 9.5572 KG |