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- 3M™ 2.54 mm Intra-Cabinet Interconnection Systems
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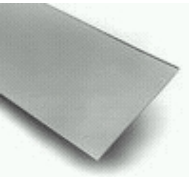
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3M™ Round Conductor Flat Cable, 3801 Series, Standard Version, 3801/34, 100 ft.

Printer-friendly format



[\[click to enlarge\]](#)

3M Id : 80-6100-8854-6
GTIN(UPC/EAN) : 0 00 54007 32088 3

Additional Information

· 26 AWG wire allows for higher power levels· Stranded wire provides flexibility and extended product life· .050 inch centers permit mass termination to a broad line of IDC connectors· Zippable for branching or discrete termination· Available in gray and blackFor more information, refer to TS0063 (TS-0063).

Learn More . . .

- Email [3M™ Round Cond.Flat Cable,.050" Stranded,3801 Series,TS0063 - Data Sheet \(PDF 1.1 MB\)](#)
- Email [3801 RCF Cable - Key Characteristics - Mating Tables \(PDF 6.2 K\)](#)

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Adobe® Acrobat® Reader is required to view PDF documents.



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
China RoHS - Below MCV	Yes
Color	Gray Standard or Black (See Ordering Information)
Conductor Material	Copper
Conductor Resistance	41 Ohm
Conductors	26 AWG 7x34 [7x0.160] Tinned Stranded Copper
EU RoHS Compliant	Yes
First Position Marking	Red
Flammability Rating -- Canada	FT1
Flammability Rating -- EU	None
Flammability Rating--USA	VW-1
Impedance -- Balanced	0 Ohm
Impedance -- Unbalanced	89 Ohm
Inductance -- Balanced	0 Microhenry
Inductance -- Unbalanced	.13 Microhenry
Insulation Material	Polyvinyl Chloride (PVC)
Insulation Resistance	>1x10^10 Ohm/10ft [3m]
Jacket	No
Lower Temperature Rating	-20 Degree Celsius
Markings	None
Material	Polyvinyl Chloride (PVC)
Number of Conductors	34
Pitch	0.050 Inch
Plating Material	Tin
Primary Configuration	Parallel
Primary Insulation Color	Gray
Primary Insulation Material	Polyvinyl Chloride (PVC)
Propagation Delay -- Balanced	0 Nanosecond
Propagation Delay -- Unbalanced	1.44 Nanosecond
Shape	Flat
Shield	No
Stranding	7 X 34 [7 X 0.160]
Temperature Rating	-20 Degree C to +105 Degree C
UL File Number	E42769
UL Listed -- USA	None
UL Recognized -- USA	AWM Style 2651
UL Recognized-- Canada	IA
Unbalanced Capacitance	16.2 pF/ft [53.1 pF/m]
Unbalanced Inductance	.13 microHenry/ft [0.43 microHenry/m]
Unbalanced Propagation Delay	1.44 ns/ft [4.72 ns/m]
Upper Temperature Rating -- Canada	105 Degree Celsius
Upper Temperature Rating -- USA	105 Degree Celsius
Velocity of Propagation--Unbalanced	71%
Voltage Rating--USA	300V
Voltage Rating: Canada	300V
Voltage Rating: EU	<50V
Wire Gauge	26 American Wire Gauge (AWG)