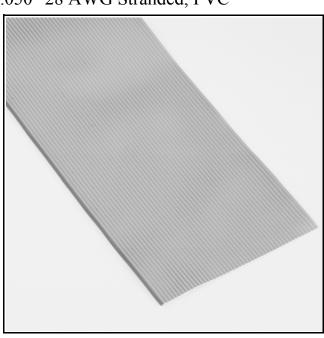
3M™ Round Conductor Flat Cable

.050" 28 AWG Stranded, PVC

R9965 Series



- 28 AWG wire on .050" centers permits mass termination to a broad line of IDC connectors
- Stranded wire provides flexibility and extended product life
- Zippable for branching or discrete termination
- Compatible with most .100" IDC connectors
- Large, splice free, 300 ft rolls support volume usage
- UL/CUL Standard Marking
- RoHS* compliant



TS-2101-06 Sheet 1 of 2

Physical

Insulation

Material: Polyvinyl Chloride (PVC)

Flammability: UL 94V-0

Color: Gray

Marking:

Marking: A AWM 2651 755 00 VW1 3M LH CA AWM 1A 105C 300V FT1 EU<50V

Conductors: 28 AWG (7×3) [7×127] Tinned Stranded Copper

Electrical

Voltage Raing: SA: 300 V EU: <50 V Insulation Res. tance: $1 \times 10^{10} \Omega/10 \text{ ft } [3 \text{ m}]$ Wit standing Voltage: 1000 VAC for 1 minute

Environmental

Temperature Rating: -20°C to +105°C

Flammability Rating: VW-1

UL File No.: E42769, Style No.: 2651

^{*} RoHS = Directive 2002/95/EC, Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment "RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or prolybromianted diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M's knowledge and belief based upon information provided by third party suppliers to 3M.

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No. of Conductors	Dim A	Dim B	Tolerance ±	No. of Conductors	Dim A	Dim B	Tolerance ±
6	0.300	0.250	0.005	25	1.250	1.200	0.010
	[7.62]	[635]	[0.13]		[31.75]	[30.48]	[0.25]
9 10	0.400	0.350	0.005	26	1.300	1.250	0.010
	[10.16]	[8.89]	[0.13]		[33.02]	[31.75]	[0.25]
	0.450	0.400	0.005	30	1.500	1.450	0.010
	[11.43]	[10.16]	[0.13]		[38.10]	[3683]	[0.25]
	0.500	0.450	0.005	34	1.700	1.650	0.010
	[1270]	[11.43]	[0.13]		[43.18]	[41.91]	[0.25]
14	0.700	0.650	0.005	40	2000	1.950	0.015
15	[17.78]	[16.51]	[0.13]		[50.80]	[49.53]	[0.38]
	0.750	0.700	0.005	50	2.500	2.450	0.015
	[19.05]	[17.78]	[0.13]		[63.50]	[3]	[0.38]
16	0.800	0.750	0.005	60	3.000	2950	0.015
	[20.32]	[19.05]	[0.13]		[76.20]	[74.93]	[0.38]
20	1.000	0.950	0.010	64	3.200		0.015
	[25.40]	[24.13]	[0.25]		[81.2	80.01]	[0.38]
	1.200 [30.48]	1.150 [29.21]	[0.25]				
		.02	25 ± .0	В			
	.035 ± .003 [0.89]	.02		.050 ± [1.27]	.002 Typ		Inch
marking on one	[0.89]		28 AWG 7 X 3 Stranded Cop	.050±. [1.27]	X	To	[mm] lerance Unless



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Minimum 10% Post-Consumer Fiber Printed in USA.

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