

3M Connectors and Cable Mating Guide



Connectors

Connector Pitch	2.54 mm x 2.54 mm (0.100" x 0.100")	2.00 mm x 2.00 mm (0.079" x 0.079")	1.27 mm x 2.54 mm (0.050" x 0.100")	1.27 mm x 1.27 mm (0.050" x 0.050")	1.27 mm x 1.27 mm (0.050" x 0.050")
Header Series	3M™ Four-Wall Headers & PCB Connectors 2500, 3400, 303, Condo	3M™ Shrouded Boardmount Header 159 1552	3M™ Tripolarized Header 810	3M Shrouded Boardmount Header 452	3M™ Mini Delta Ribbon (MDR) Connector 101, 103 (Shell)
Socket Series	3M™ Wiremount Socket 3000, 89100, CHG	3M™ Ribbon Cable Socket 158 1522	3M™ Tripolarized Wiremount Socket 820	3M™ Ribbon Cable Wiremount Socket 451	3M Mini Delta Ribbon (MDR) Connector 102

Cables

Cable Pitch (if flat)	0.050"	1 mm	0.025"	0.025"	0.025"
Basic Cable Series #	3365	3625	3754	3754	3600B
3M™ Round Conductor Flat Cable	3365, 3667, 3539, 3319, 3801, 3355, 3770, HF365, 3601	3625, HF625	3754, 3447, 3756, 3749, 3609, 3604	3754, 3447, 3756, 3749, 3609, 3604	3754, 3447, 3756, 3749, 3609, 3604
3M™ Color Coded Flat Cable	3302, 3811				
3M™ Twisted Pair Flat Cable	1700, 3782, HF100				
3M™ Ground Plane Cable	3469, 3476, 3353				
3M™ Jacketed Flat Ribbon Cable	3603, 3602, 3517, 90104, 90204		90111, 90101, 90202, 90201, 90211, 93101	90111, 90101, 90202, 90201, 90211, 93101	90111, 90101, 90202, 90201, 90211, 93101
3M™ Round Jacketed Flat Cable	3759, 3834, 3758, 3783, 3659, HF759, 3784, HF659		3896	3896	3896
3M™ Twisted Pair Round Jacketed Cable	3600B, 3644, 3647B, 3560, 3750				3600B, 3644, 3647B, 3560, 3750

3M™ Wire-to-Board Connector Offering - Available in a Range of Sizes



2.54 mm x 2.54 mm
(0.100" x 0.100")

2.00 mm x 2.00 mm
(0.079" x 0.079")

1.27 mm x 2.54 mm
(0.050" x 0.100")

1.27 mm x 1.27 mm
(0.050" x 0.050")

Connectors depicted in the image above are all 20 position and are shown to scale of each other.

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