



# MINI MATE® CABLE

MMSD, MMSS, IPD1 SERIES

Mates with:  
IPL1 (Does not mate with IPT1)

## SPECIFICATIONS

For complete specifications see [www.samtec.com?MMSD](http://www.samtec.com?MMSD), [www.samtec.com?MMSS](http://www.samtec.com?MMSS) or [www.samtec.com?IPD1](http://www.samtec.com?IPD1)

Insulator Material: Nylon 66

Contact Material:

Phosphor Bronze

Plating: Au or Sn over

50µ" (1,27µm) Ni

Operating Temp Range:

-55°C to +105°C (20-26 AWG)

-55°C to +80°C (28-30 AWG)

-55°C to +125°C (\*Teflon®)

Voltage Rating: 675 VAC

Wire: 20 to 30 AWG

RoHS Compliant: Yes



CURRENT RATING	
AMBIENT TEMP	MMSD/IPL1
20°C	7.4A
40°C	6.5A
60°C	5.9A
95°C	3.8A

6 POSITIONS (2x3)  
20 AWG POWERED

## APPLICATION SPECIFIC OPTION

- Other color coded cables (\*Teflon® N/A).
- Other sizes/pin counts.
- With or without Plug Polarization (omit pin 1). Call Samtec.

## APPLICATION

-24C CABLE COLOR CODING	
PIN	COLOR
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	BLUE
7	VIOLET
8	GRAY
9	WHITE
10	BLACK
ETC	REPEAT

Note: For wiring option information refer to drawing on web.

Note: Other Gold plating options available. Contact Samtec.

Note: Some lengths, styles and options are non-standard, non-returnable.

TYPE	PINS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLY LENGTH	END OPTION	K	LATCH OPTION
<b>MMSD</b> = Double Row PVC Cable	-02, -05, -10,	-20 -22 -24	-L = 10µ" (0,25µm) Gold on contact, Matte Tin on tail	- "XX.XX" = Assembly Length in Inches (82,55mm) 03.25" min.	-S = Single End -D = Double End (Latch Required)	-K = Keyed Polarization	
<b>MMSDT</b> = Double Row *Teflon® Cable	-15, -16, -20, -25	-24C = Color Coded Cable					
<b>MMSS</b> = Single Row PVC Cable		-26 -28 -30					
<b>MMSST</b> = Single Row *Teflon® Cable							

MMSS

MMSD

-D-K-MUS

-M & -MXX (MMSD)

-D-K-LUS

-M = Single Ended, Metal Latches (Leave blank for plastic)

Double Ended (-D) Crossed requires MMSSD

-LUS = Plastic Latch up, straight

-LDS = Plastic Latch down, straight

-LUX = Plastic Latch up, crossed

-LDX = Plastic Latch down, crossed

-MUS = Metal Latch up, straight

-MDS = Metal Latch down, straight

-MUX = Metal Latch up, crossed

-MDX = Metal Latch down, crossed

TYPE	POSITIONS PER ROW	ROW OPTION	K	LATCH OPTION	TYPE	WIRE GAUGE	01	PLATING OPTION
<b>IPD1</b> = Body, Loose	-02, -05, -10, -15, -16, -20, -25	-S = Single Row -D = Double Row	-K = Keyed Polarization	-M = Metal Latch (Leave blank for plastic latch)	<b>CC79L</b> = Contact, Loose	-2630 = 26 to 30 AWG		-L = 10µ" (0,25µm) Gold on contact, Matte Tin on tail
					<b>CC79R</b> = Contact, Full Reel (15,000 Parts per Reel)	-2024 = 20 to 24 AWG		

-S

-D

-M

**HAND TOOLS**

20 to 24 AWG: CAT-HT-179-2024-11

26 to 30 AWG: CAT-HT-179-2630-11

Due to technical progress, all designs, specifications and components are subject to change without notice.

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