



MINI MATE® CABLE MMSD, MMSS, IPD1 SERIES

SPECIFICATIONS

Mates with:
IPL1 (Does not mate with IPT1)

For complete specifications see www.samtec.com?MMSD, www.samtec.com?MMSS or 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)

Voltage Rating: 675 VAC

Wire: 20 to 30 AWG

RoHS Compliant:

Yes

CURRENT RATING		
AMBIENT TEMP	MMSS/IPL1	MMSD/IPL1
20°C	6.8A	5.8A
40°C	6.0A	5.2A
60°C	5.3A	4.5A
95°C	3.6A	3.0A

MMSS 6 POSITIONS IN LINE POWERED
MMSD 2x3 CLUSTER POWERED

TYPE	PINS PER ROW	WIRE GAUGE	PLATING OPTION	ASSEMBLY LENGTH	END OPTION	K	OTHER OPTION
MMSD = Double Row	-02, -05, -10, -15, -20, -25	-20 -22 -24 -24C = Color Coded Cable -26 -28 -30	-S = 30µ" (0,76µm) Gold on contact	- "XX.XX" = Assembly Length in Inches (82,55mm) 03.25" min.	-S = Single End -D = Double End	-K = Keyed Polarization	(Available on -D end option only. Applies to End 2 housing) -LUS = Latch up, straight -LDS = Latch down, straight -LUX = Latch up, crossed -LXD = Latch down, crossed

APPLICATION SPECIFIC OPTION

- Other color coded cables.
- 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: Some lengths, styles and options are non-standard, non-returnable.

TYPE	POSITIONS PER ROW	ROW OPTION	K	TYPE	WIRE GAUGE	01	PLATING OPTION
IPD1 = Body, Loose	-02, -05, -10, -15, -20, -25 (-D only) -02, -05, -10 (-S only) (Call Samtec for other sizes)	-S = Single Row -D = Double Row	-K = Keyed Polarization	CC79L = Contact, Loose CC79R = Contact, Full Reel (15,000 Parts per Reel)	-2630 = 30 to 26 AWG -2024 = 24 to 20 AWG		-S = 30µ" (0,76µm) Gold on contact, Tin on tail

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

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