

Overview

The Moxa Connection Boxes discussed in this Information Sheet are specially designed for use with Moxa Multiport Serial Boards. Refer to the following table to see which Connection Box can be used with which Multiport Serial Board.

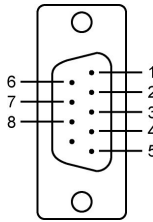
Connection Box & Connection Cable Usage Chart			C218Turbo Series	C168H Series	C104H Series	CP-114 Series	CI-134 Series	CP-168U Series	CP-104UL	CP-132U Series	CP-134U Series	
Connection Box	8-port	Opt8-M9	v	v				v				
		Opt8-RJ45	v	v			v					
		Opt 8A	v	v			v					
		Opt 8B	v	v			v					
	4-port	Opt4-M9A			v							
		Opt4-M9B							v			
		Opt4-RJ45A			v							
		Opt4-RJ45B							v			
Connection Cable	8-port	CBL-M62M25x8-100(Opt 8C)	v	v				v				
		CBL-M62M9x8-100(Opt 8D)	v	v				v				
	4-port	CBL-M37M25x4-30(Opt 4C)			v	v	v					
		CBL-M37M9x4-30(Opt 4D)			v	v	v					
		CBL-M44M9x4-50							v		v	
		CBL-M25M9x2-50									v	

Pin Assignments

The following figures give the standard RS-232 interface pin assignments for Male DB9 and 8-pin RJ45 connectors.

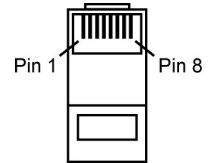
DB9 (RS-232)

Pin Number	Signal
1	DCD
2	RxD
3	TxD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	---

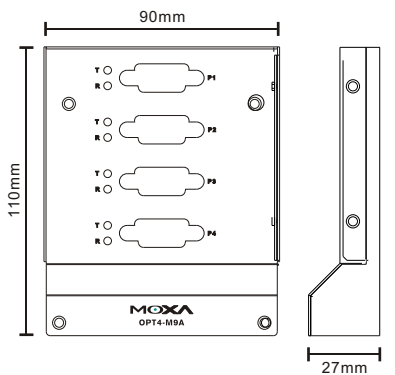


RJ45 (RS-232)

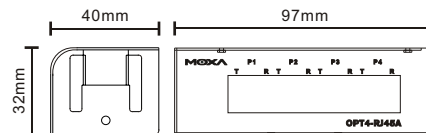
Pin Number	Signal
1	DSR
2	RTS
3	GND
4	TxD
5	RxD
6	DCD
7	CTS
8	DTR



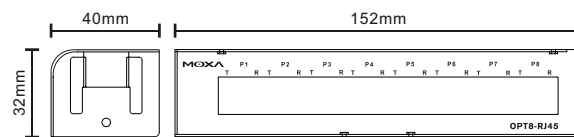
Dimensions



OPT4-M9A, OPT4-M9B, OPT8-M9



OPT4-RJ45A, OPT4-RJ45B



OPT8-RJ45



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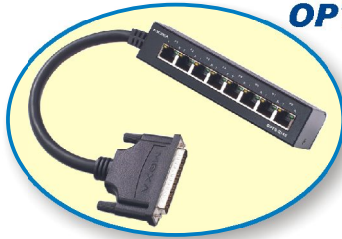
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OPT8-M9

Spec.: TxD, RxD Indicator DB9 male x8
Connector Type: DB62 male x 1
Dimensions: 90 x 110 x 27 mm (3.5 x 4.3 x 1.0 in)
Cable: DB62 male to DB62 female, 150 cm



OPT8-RJ45

Spec.: TxD, RxD Indicator, 8-pin RJ45 x 8
Connector Type: DB62 male x 1
Dimensions: 150 x 40 x 32 mm (5.9 x 1.6 x 1.3 in)



OPT4-M9A



OPT4-M9B

Spec.: TxD, RxD Indicator, DB9 male x 4
Connector Type: DB37 male x 1 (OPT4-M9A)
 DB44 male x 1 (OPT4-M9B)
Dimensions: 90 x 110 x 27 mm (3.5 x 4.3 x 1.0 in)
Cable: DB37 male to DB37 female, 150 cm x 1 (OPT4-M9A)
 DB44 male to DB44 female, 150 cm x 1 (OPT4-M9B)



OPT4-RJ45A



OPT4-RJ45B

Spec.: TxD, RxD Indicator, 8-pin RJ45 x 4
Connector Type: DB37 male (OPT4-RJ45A)
 DB44 male (OPT4-RJ45B)
Dimensions: 97 x 40 x 32 mm (3.8 x 1.6 x 1.3 in)

Ordering Information

OPT8-M9:	8-port DB9 male RS-232 Connection Box with CBL-M62F62-150 Connection Cable
OPT8-RJ45:	8-port, 8-pin RJ45 RS-232 Connection Box with CBL-M62F62-150 Connection Cable
OPT4-M9A:	4-port DB9 male RS-232 Connection Box with CBL-M37F37 -150 Connection Cable
OPT4-M9B:	4-port DB9 male RS-232 Connection Box with CBL-M44F44 -150 Connection Cable
OPT4-RJ45A:	4-port, 8-pin RJ45 RS-232 Connection Box
OPT4-RJ45B:	4-port, 8-pin RJ45 RS-232 Connection Box