Serial Cables

Serial connection cables

Features and Benefits

- Extend the transmission distance of serial signals

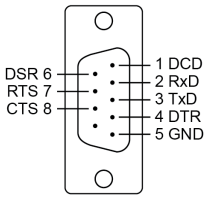
Introduction

Moxa's serial cables extend the transmission distance for your multiport serial cards. It also expands the serial com ports for a serial connection.

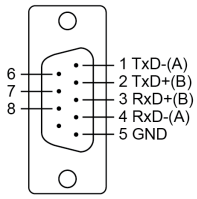
Pin Assignments

CBL-M44M9x4-50

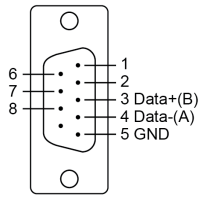
RS-232



RS-422/RS-485-4w

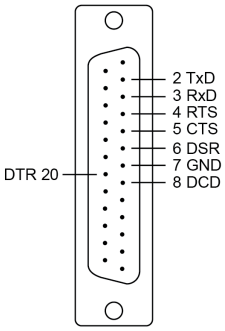


RS-485-2w

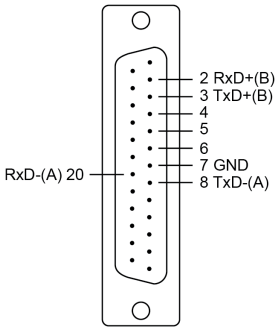


CBL-M44M25x4-50

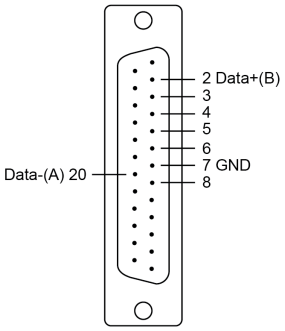
RS-232



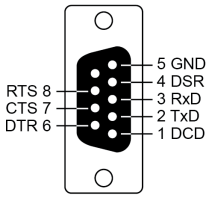
RS-422/RS-485-4w



RS-485-2w



CBL-RJ45F9-150



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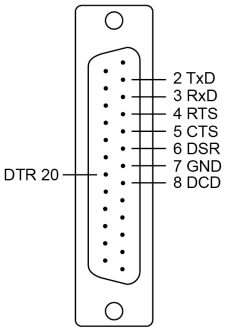

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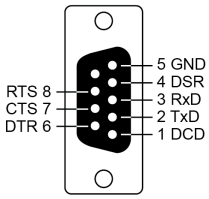

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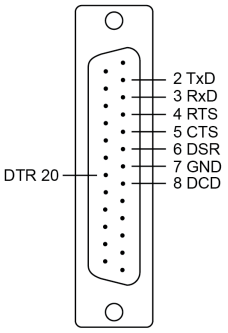

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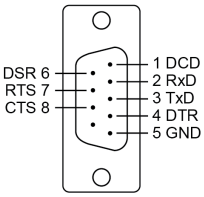

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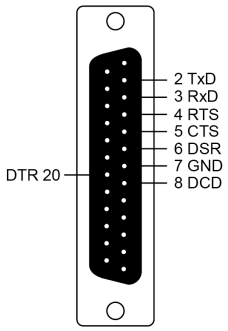

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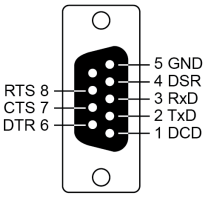

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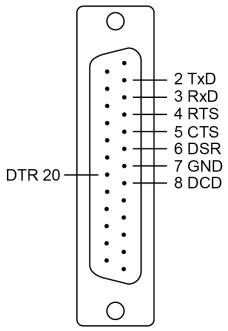

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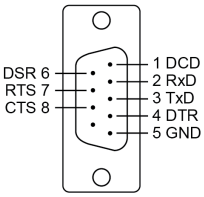

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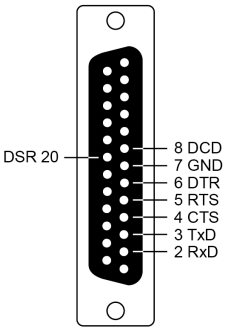

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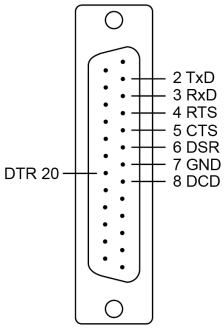

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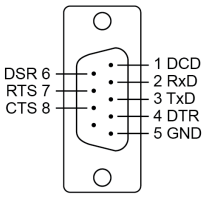
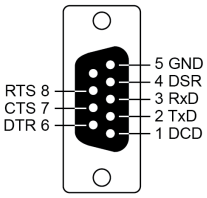


CN-20070



Specifications

Connector

Board-side Connector	CBL-F9M9-20: DB9 (female) x 1 CBL-F9M9-150: DB9 (female) x 1 CBL-HSF2x10-15: 20-pin (female) x 1 CBL-M9HSF1x10H-15-01: 10-pin (female) x 1 CBL-M9HSF1x10H-15-02: 10-pin (female) x 1 CBL-M9x2HSF2x10H-15: 20-pin (female) x 1 CBL-M25M9x2-50: DB25 (male) x 1 CBL-M44M25x4-50: DB44 (male) x 1 CBL-M44M9x4-50: DB44 (male) x 1 CBL-M62M25x8-100: DB62 (male) x 1 CBL-M62M9x8-100: DB62 (male) x 1 CBL-M68M25x8-100: VHDCI 68 x 1 CBL-M68M9x8-100: VHDCI 68 x 1 CBL-M78M25x8-100: DB78 (male) x 1 CBL-M78M9x8-100: DB78 (male) x 1 CBL-RJ45F9-150: 8-pin RJ45 x 1 CBL-RJ45F25-150: 8-pin RJ45 x 1 CBL-RJ45M9-150: 8-pin RJ45 x 1 CBL-RJ45M25-150: 8-pin RJ45 x 1 CBL-RJ45SF9-150: 8-pin RJ45 x 1 CBL-RJ45SF25-150: 8-pin RJ45 x 1 CBL-RJ45SM9-150: 8-pin RJ45 x 1 CBL-RJ45SM25-150: 8-pin RJ45 x 1 CBL-USBAP-50: USB Type A x 1 CN20030: 10-pin RJ45 x 1 CN20040: 10-pin RJ45 x 1 CN20060: 10-pin RJ45 x 1 CN20070: 10-pin RJ45 x 1 NP21101: DB25 (male) x 1 NP21102: DB25 (male) x 1 NP21103: DB25 (male) x 1
Device-side Connector	CBL-F9M9-20: DB9 (male) x 1 CBL-F9M9-150: DB9 (male) x 1 CBL-HSF2x10-15: 20-pin (female) x 1 CBL-M9HSF1x10H-15-01: DB9 male x 1 CBL-M9HSF1x10H-15-02: DB9 male x 1 CBL-M9x2HSF2x10H-15: DB9 male x 2 CBL-M25M9x2-50: DB9 (male) x 2 CBL-M44M25x4-50: DB25 (male) x 4 CBL-M44M9x4-50: DB9 (male) x 4 CBL-M62M25x8-100: DB25 (male) x 8 CBL-M62M9x8-100: DB9 (male) x 8 CBL-M68M25x8-100: DB25 (male) x 8 CBL-M68M9x8-100: DB9 (male) x 8 CBL-M78M25x8-100: DB25 (male) x 8 CBL-M78M9x8-100: DB9 (male) x 8 CBL-RJ45F9-150: DB9 (female) x 1 CBL-RJ45F25-150: DB25 (female) x 1 CBL-RJ45M9-150: DB9 (male) x 1 CBL-RJ45M25-150: DB25 (male) x 1 CBL-RJ45SF9-150: DB9 (female) x 1 CBL-RJ45SF25-150: DB25 (female) x 1 CBL-RJ45SM9-150: DB9 (male) x 1 CBL-RJ45SM25-150: DB25 (male) x 1 CBL-USBAP-50: DC Jack x 1 CN20030: DB25 (female) x 1 CN20040: DB25 (male) x 1 CN20060: DB9 (male) x 1 CN20070: DB9 (female) x 1 NP21101: DB9 (female) x 1 NP21102: DB9 (male) x 1 NP21103: Terminal block x 1

Physical Characteristics

Cable Length	CBL-F9M9-20: 20 cm (7.87 in) CBL-F9M9-150: 150 cm (4.9 ft) CBL-HSF2x10-15: 15 cm (0.49 ft) CBL-M9HSF1x10H-15-01: 15 cm (0.49 ft) CBL-M9HSF1x10H-15-02: 15 cm (0.49 ft) CBL-M9x2HSF2x10H-15: 15 cm (0.49 ft) CBL-M25M9x2-50: 50 cm (19.69 in) CBL-M44M9x4-50: 50 cm (19.69 in) CBL-M44M25x4-50: 50 cm (19.69 in) CBL-M62M9x8-100: 100 cm (3.3 ft) CBL-M62M25x8-100: 100 cm (3.3 ft) CBL-M68M9x8-100: 100 cm (3.3 ft) CBL-M68M25x8-100: 100 cm (3.3 ft) CBL-M78M9x8-100: 100 cm (3.3 ft) CBL-M78M25x8-100: 100 cm (3.3 ft) CBL-RJ45F9-150: 150 cm (4.9 ft) CBL-RJ45F25-150: 150 cm (4.9 ft) CBL-RJ45SM9-150: 150 cm (4.9 ft) CBL-RJ45SM25-150: 150 cm (4.9 ft) CBL-RJ45SF9-150: 150 cm (4.9 ft) CBL-RJ45SF25-150: 150 cm (4.9 ft) CBL-RJ45M9-150: 150 cm (4.9 ft) CBL-RJ45M25-150: 150 cm (4.9 ft) CN20030: 150 cm (4.9 ft) CN20040: 150 cm (4.9 ft) CN20060: 150 cm (4.9 ft) CN20070: 150 cm (4.9 ft) NP21101: 30 cm (11.81 in) NP21102: 30 cm (11.81 in) CBL-USBAP-50: 50 cm (19.69 in)

Ordering Information

Model Name	Board-side Connectors	Device-side Connectors	Cable Length
CBL-F9M9-20	1 x DB9 (female)	1 x DB9 (male)	20 cm
CBL-F9M9-150	1 x DB9 (female)	1 x DB9 (male)	150 cm
CBL-M62M25x8-100	1 x DB62 (male)	8 x DB25 (male)	100 cm
CBL-M62M9x8-100	1 x DB62 (male)	8 x DB9 (male)	100 cm
CBL-M68M25x8-100	1 x VHDCI 68	8 x DB25 (male)	100 cm
CBL-M68M9x8-100	1 x VHDCI 68	8 x DB9 (male)	100 cm
CBL-M78M25x8-100	1 x DB78 (male)	8 x DB25 (male)	100 cm
CBL-M78M9x8-100	1 x DB78 (male)	8 x DB9 (male)	100 cm
CBL-M25M9x2-50	1 x DB25 (male)	2 x DB9 (male)	50 cm
CBL-M44M25x4-50	1 x DB44 (male)	4 x DB25 (male)	50 cm
CBL-M44M9x4-50	1 x DB44 (male)	4 x DB9 (male)	50 cm
CBL-RJ45F25-150	1 x 8-pin RJ45	1 x DB25 (male)	150 cm
CBL-RJ45F9-150	1 x 8-pin RJ45	1 x DB9 (female)	150 cm
CBL-RJ45M25-150	1 x 8-pin RJ45	1 x DB25 (male)	150 cm
CBL-RJ45M9-150	1 x 8-pin RJ45	1 x DB9 (male)	150 cm
CBL-RJ45SF25-150	1 x 8-pin RJ45	1 x DB25 (male)	150 cm
CBL-RJ45SF9-150	1 x 8-pin RJ45	1 x DB9 (male)	150 cm
CBL-RJ45SM25-150	1 x 8-pin RJ45	1 x DB25 (male)	150 cm
CBL-RJ45SM9-150	1 x 8-pin RJ45	1 x DB9 (male)	150 cm

Model Name	Board-side Connectors	Device-side Connectors	Cable Length
CBL-M12D(MM4P)/RJ45-100 IP67	1 x M12	1 x 8-pin RJ45	100 cm
CBL-M9HSF1x10H-15-01	1 x 10-pin housing cable (female)	1 x DB9 (male)	15 cm
CBL-M9HSF1x10H-15-02	1 x 10-pin housing cable (female)	1 x DB9 (male)	15 cm
CBL-M9x2HSF2x10H-15	1 x 20-pin housing cable (female)	2 x DB9 (male)	15 cm
CBL-HSF2x10-15	1 x 20-pin housing cable (female)	1 x 20-pin housing cable (female)	15 cm
CN20030	1 x 10-pin RJ45	1 x DB25 (female)	150 cm
CN20040	1 x 10-pin RJ45	1 x DB25 (male)	150 cm
CN20060	1 x 10-pin RJ45	1 x DB9 (male)	150 cm
CN20070	1 x 10-pin RJ45	1 x DB9 (female)	150 cm
NP21101	1 x DB25 (male)	1 x DB9 (female)	150 cm
NP21102	1 x DB25 (male)	1 x DB9 (male)	150 cm
NP21103	1 x DB25 (male)	1 x Terminal block	–
20P To 20P Flat Cable-500mm	1 x 20-pin connector	1 x 20-pin connector	50 cm
CBL-USBAP-50	1 x Type A	1 x DC jack	50 cm
CBL-USBA/B-100	1 x Type A	1 x Type B	100 cm

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