Serial Cables

Serial connection cables



Features and Benefits

- Extend the transmission distance of serial signals

Introduction

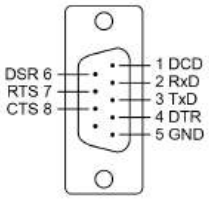
Moxa's serial cables extend the transmission distance for your multiport serial cards. It also expands the serial com ports for a serial connection.

Pin Assignments

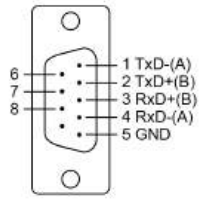
CBL-M44M9x4-50



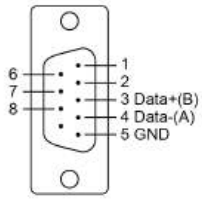
RS-232



RS-422/RS-485-4w



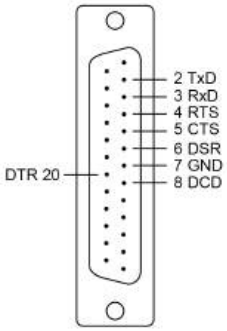
RS-485-2w



CBL-M44M25x4-50



RS-232



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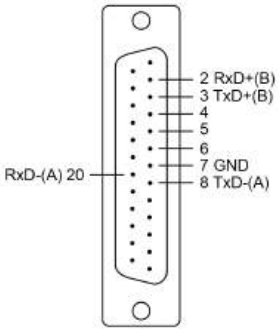
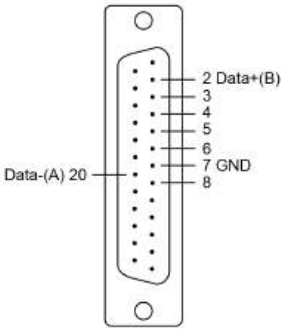


RS-485-2w



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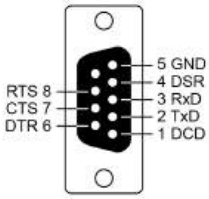

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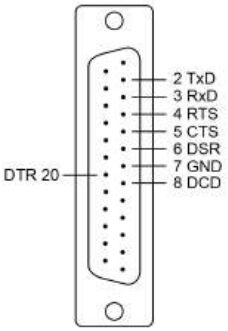

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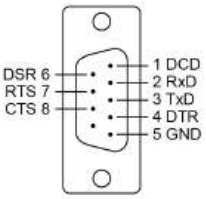

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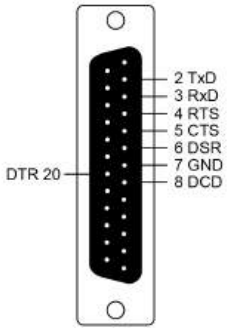

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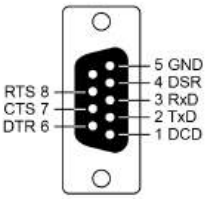

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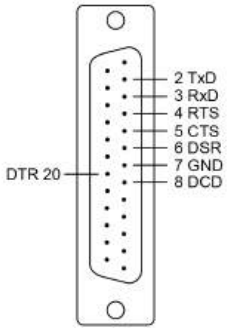

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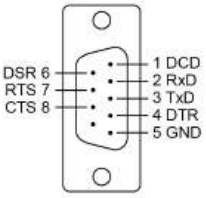

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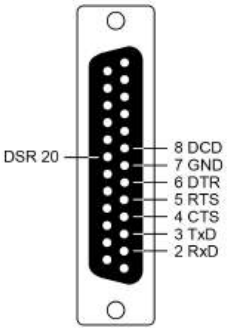

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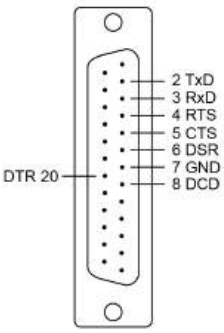

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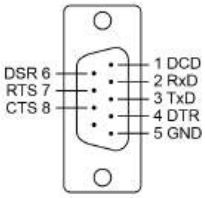

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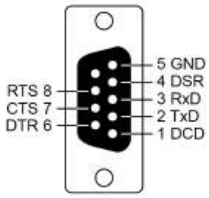
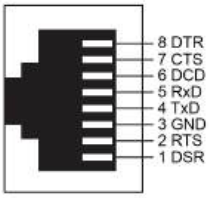


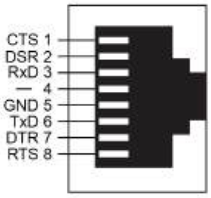
CBL-RJ458P-Cisco-BK-180



RS-232



Cisco Console



Specifications

Connector

Board-side Connector	CBL-F40M25x4-50: 1 X DB40 (female) CBL-F9DPF1x4-BK-100: 1 x DB9 (female) CBL-F9M9-150: 1 x DB9 (female) CBL-F9M9-20: 1 x DB9 (female) CBL-M25M9x2-50: 1 x DB25 (male) CBL-M37M25x4-30: 1 x DB37 (male) CBL-M44M25x4-50: 1 x DB44 (male) CBL-M44M9x4-50: 1 x DB44 (male) CBL-M44M9x4-50 (POS): 1 x DB44 (male) CBL-M62M25x8-100: 1 x DB62 (male) CBL-M62M9x8-100: 1 x DB62 (male) CBL-M68M25x8-100: 1 x VHDCI 68 CBL-M68M9x8-100: 1 x VHDCI 68 CBL-M78M25x8-100: 1 x DB78 (male) CBL-M78M9x8-100: 1 x DB78 (male) CBL-RJ458P-100: 1 x 8-pin RJ45 CBL-RJ458P-Cisco-BK-180: 1 x 8-pin RJ45 CBL-RJ45F25-150: 1 x 8-pin RJ45 CBL-RJ45F9-150: 1 x 8-pin RJ45 CBL-RJ45M25-150: 1 x 8-pin RJ45 CBL-RJ45M9-150: 1 x 8-pin RJ45 CBL-RJ45SF25-150: 1 x 8-pin RJ45 CBL-RJ45SF9-150: 1 x 8-pin RJ45 CBL-RJ45SM25-150: 1 x 8-pin RJ45 CBL-RJ45SM9-150: 1 x 8-pin RJ45 CN20030: 1 x 10-pin RJ45 CN20040: 1 x 10-pin RJ45 CN20060: 1 x 10-pin RJ45 CN20070: 1 x 10-pin RJ45 NP21101: 1 x DB25 (male) NP21102: 1 x DB25 (male) NP21103: 1 x DB25 (male)
Device-side Connector	CBL-F40M25x4-50: 4 x DB 25 (male) CBL-F9DPF1x4-BK-100: 1 x DP (female) CBL-F9M9-150: 1 x DB9 (male) CBL-F9M9-20: 1 x DB9 (male) CBL-M25M9x2-50: 2 x DB9 (male) CBL-M37M25x4-30: 4 x DB25 (male) CBL-M44M25x4-50: 4 x DB25 (male) CBL-M44M9x4-50: 4 x DB9 (male) CBL-M44M9x4-50 (POS): 4 x DB9 (male) CBL-M62M25x8-100: 8 x DB25 (male) CBL-M62M9x8-100: 8 x DB9 (male) CBL-M68M25x8-100: 8 x DB25 (male) CBL-M68M9x8-100: 8 x DB9 (male) CBL-M78M25x8-100: 8 x DB25 (male) CBL-M78M9x8-100: 8 x DB9 (male) CBL-RJ458P-100: 1 x 8-pin RJ45 CBL-RJ458P-Cisco-BK-180: 1 x 8-pin RJ45 CBL-RJ45F25-150: 1 x DB25 (female) CBL-RJ45F9-150: 1 x DB9 (female) CBL-RJ45M25-150: 1 x DB25 (male) CBL-RJ45M9-150: 1 x DB9 (male) CBL-RJ45SF25-150: 1 x DB25 (female) CBL-RJ45SF9-150: 1 x DB9 (female) CBL-RJ45SM25-150: 1 x DB25 (female) CBL-RJ45SM9-150: 1 x DB9 (male) CN20030: 1 x DB25 (female) CN20040: 1 x DB25 (male) CN20060: 1 x DB9 (male) CN20070: 1 x DB9 (female) NP21101: 1 x DB9 (female) NP21102: 1 x DB9 (male) NP21103: 1 x Terminal block

Physical Characteristics

Cable Length	CBL-F40M25x4-50: 50 cm (19.69 in) CBL-F9DPF1x4-BK-100: 100 cm (3.3 ft) CBL-F9M9-150: 150 cm (4.9 ft) CBL-F9M9-20: 20 cm (7.87 in) CBL-M25M9x2-50: 50 cm (19.69 in) CBL-M37M25x4-30: 30 cm (11.81 in) CBL-M44M25x4-50: 50 cm (19.69 in) CBL-M44M9x4-50: 50 cm (19.69 in) CBL-M44M9x4-50 (POS): 50 cm (19.69 in) CBL-M62M25x8-100: 100 cm (3.3 ft) CBL-M62M9x8-100: 100 cm (3.3 ft) CBL-M68M25x8-100: 100 cm (3.3 ft) CBL-M68M9x8-100: 100 cm (3.3 ft) CBL-M78M25x8-100: 100 cm (3.3 ft) CBL-M78M9x8-100: 100 cm (3.3 ft) CBL-RJ458P-100: 100 cm (3.3 ft) CBL-RJ458P-Cisco-BK-180: 180 cm (5.91 ft) CBL-RJ45F25-150: 150 cm (4.9 ft) CBL-RJ45F9-150: 150 cm (4.9 ft) CBL-RJ45M25-150: 150 cm (4.9 ft) CBL-RJ45M9-150: 150 cm (4.9 ft) CBL-RJ45SF25-150: 150 cm (4.9 ft) CBL-RJ45SF9-150: 150 cm (4.9 ft) CBL-RJ45SM25-150: 150 cm (4.9 ft) CBL-RJ45SM9-150: 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) NP21103: N/A

Ordering Information

Model Name	Board-side Connectors	Device-side Connectors	Cable Length
CBL-F40M25x4-50	1 X DB40 (female)	4 x DB 25 (male)	50 cm (19.69 in)
CBL-F9DPF1x4-BK-100	1 x DB9 (female)	1 x DP (female)	100 cm (3.3 ft)
CBL-F9M9-150	1 x DB9 (female)	1 x DB9 (male)	150 cm (4.9 ft)
CBL-F9M9-20	1 x DB9 (female)	1 x DB9 (male)	20 cm (7.87 in)
CBL-M25M9x2-50	1 x DB25 (male)	2 x DB9 (male)	50 cm (19.69 in)
CBL-M37M25x4-30	1 x DB37 (male)	4 x DB25 (male)	30 cm (11.81 in)
CBL-M44M25x4-50	1 x DB44 (male)	4 x DB25 (male)	50 cm (19.69 in)
CBL-M44M9x4-50	1 x DB44 (male)	4 x DB9 (male)	50 cm (19.69 in)
CBL-M44M9x4-50 (POS)	1 x DB44 (male)	4 x DB9 (male)	50 cm (19.69 in)
CBL-M62M25x8-100	1 x DB62 (male)	8 x DB25 (male)	100 cm (3.3 ft)
CBL-M62M9x8-100	1 x DB62 (male)	8 x DB9 (male)	100 cm (3.3 ft)
CBL-M68M25x8-100	1 x VHDCI 68	8 x DB25 (male)	100 cm (3.3 ft)
CBL-M68M9x8-100	1 x VHDCI 68	8 x DB9 (male)	100 cm (3.3 ft)
CBL-M78M25x8-100	1 x DB78 (male)	8 x DB25 (male)	100 cm (3.3 ft)
CBL-M78M9x8-100	1 x DB78 (male)	8 x DB9 (male)	100 cm (3.3 ft)
CBL-RJ458P-100	1 x 8-pin RJ45	1 x 8-pin RJ45	100 cm (3.3 ft)
CBL-RJ458P-Cisco-BK-180	1 x 8-pin RJ45	1 x 8-pin RJ45	180 cm (5.9 ft)
CBL-RJ45F25-150	1 x 8-pin RJ45	1 x DB25 (female)	150 cm (4.9 ft)

Model Name	Board-side Connectors	Device-side Connectors	Cable Length
CBL-RJ45F9-150	1 x 8-pin RJ45	1 x DB9 (female)	150 cm (4.9 ft)
CBL-RJ45M25-150	1 x 8-pin RJ45	1 x DB25 (male)	150 cm (4.9 ft)
CBL-RJ45M9-150	1 x 8-pin RJ45	1 x DB9 (male)	150 cm (4.9 ft)
CBL-RJ45SF25-150	1 x 8-pin RJ45	1 x DB25 (female)	150 cm (4.9 ft)
CBL-RJ45SF9-150	1 x 8-pin RJ45	1 x DB9 (female)	150 cm (4.9 ft)
CBL-RJ45SM25-150	1 x 8-pin RJ45	1 x DB25 (female)	150 cm (4.9 ft)
CBL-RJ45SM9-150	1 x 8-pin RJ45	1 x DB9 (male)	150 cm (4.9 ft)
CN20030	1 x 10-pin RJ45	1 x DB25 (female)	150 cm (4.9 ft)
CN20040	1 x 10-pin RJ45	1 x DB25 (male)	150 cm (4.9 ft)
CN20060	1 x 10-pin RJ45	1 x DB9 (male)	150 cm (4.9 ft)
CN20070	1 x 10-pin RJ45	1 x DB9 (female)	150 cm (4.9 ft)
NP21101	1 x DB25 (male)	1 x DB9 (female)	30 cm (11.81 in)
NP21102	1 x DB25 (male)	1 x DB9 (male)	30 cm (11.81 in)
NP21103	1 x DB25 (male)	1 x Terminal block	–

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