■ Network modules

The network and interface modules of the MELSEC iQ-R series ensure a vast selection of interconnectivity possibilities with various protocols and network topologies providing the best-fit solution for various applications. At the core of the series is the CC-Link IE network family which is a high-speed 1 Gbps control level and field level Ethernet topology industrial open network.

Seamless message protocol (SLMP*) network communications

With SLMP, it is possible to seamlessly access production management systems, program-mable controllers and other devices using the same method, eliminating concerns about network hierarchies and boundaries. Tasks such as machine monitoring, data collection and maintenance can be performed from virtually anywhere on the network. Used together with the Ethernet module, SLMP-ready Ethernet devices such as a machine vision sensor or RFID controller can be interfaced to the CC-Link IE Field Network without further adding another network.

* SLMP (Seamless Message Protocol): Is a client/server protocol that enables communications between Ethernet-ready and CC-Link IE compatible devices.

Special features:
● 1 Gbps high-speed, large bandwidth of 128 k word for CC-Link IE
● Connect to two separate networks using a single module
● Seamless networking (SLMP)
● Loop-back function
● Auto-return when faulty station is replaced
● Supports standard interfaces such as RS232 and RS422/485

Ethernet module

Module	Specifications	Art. no.
RJ71EN71	1 Gbps, 100/10 Mbps, multiple network, Ethernet cable (Category 5e or higher, double shielded/STP)	279570

EtherNet/IP™ module

Module	Specifications	Art. no.
RJ71EIP91*	EtherNet/IP™ system compatible, scanner module	338818

CC-Link module

Module	Specifications	Art. no.
RJ61BT11	Max. 10 Mbps, master/local station (CC-Link Ver.2)	279572

CC-Link IE control module

Module	Specifications	Art. no.
RJ71GP21-SX	1 Gbps, control/normal station, fiber optic cable, dual loop, which satisfies 1000 BASE-SX standard: multi-mode optical fiber (GI)	279571
RJ71GP21S-SX	1 Gbps, fiber-optic cable, control/normal station (with external power supply)	338820

CC-Link IE Field module

Module	Specifications	Art. no.
RJ71GF11-T2	1 Gbps, master/slave module, Ethernet cable (Category 5e or higher, double shielded/STP)	279569

CC-Link IE Field remote head module

Module	Specifications	Art. no.
RJ72GF15-T2	1 Gbps, remote station, Ethernet cable (Category 5e or higher, double shielded/STP)	297947

AnyWireASLINK master module

Module	Specifications	Art. no.
RJ51AW12AL	Sensor-level network	301856

PROFINET module

Module	Specifications	Art. no.
RJ71PN92*	PROFINET master module	308713

Profibus DP module

Module	Specifications	Art. no.
RJ71PB91V*	Profibus master/slave module	308714

CANopen module

Module	Specifications	Art. no.
RJ71CN91*	CANopen communication module	308735

DeviceNet®

Module	Specifications	Art. no.
RJ71DN91*	DeviceNet® system compatible, master/slave module	317838

* Please consult local Mitsubishi Electric representative to determine availability of these modules