New

FRM220-40G-2Q

40G 3R Transponder

The FRM220-40G-2Q is a 40G QSFP+ to 40G QSFP+ 3R transponder that provides media conversion and distance extension for 40G Ethernet links. The FRM220-40G-2Q meets the growing need for more bandwidth for data centers and enterprises. The emergence of high-end servers and Ethernet switches with 40G Ethernet interfaces increases the need for media conversion (multi-mode to single-mode) and link range (single-mode to single mode) extension. The FRM220-40G-2Q is hot-swappable with two QSFP sockets for 40G QSFP transceivers. The installation and setup is simple plug and play. The FRM220-40G-2QP can be inserted into any powered FRM220-CH20,CH08, CH04 chassis or CH02M, CH02/SMT standalone chassis with QSFP+ transceivers required for the application.
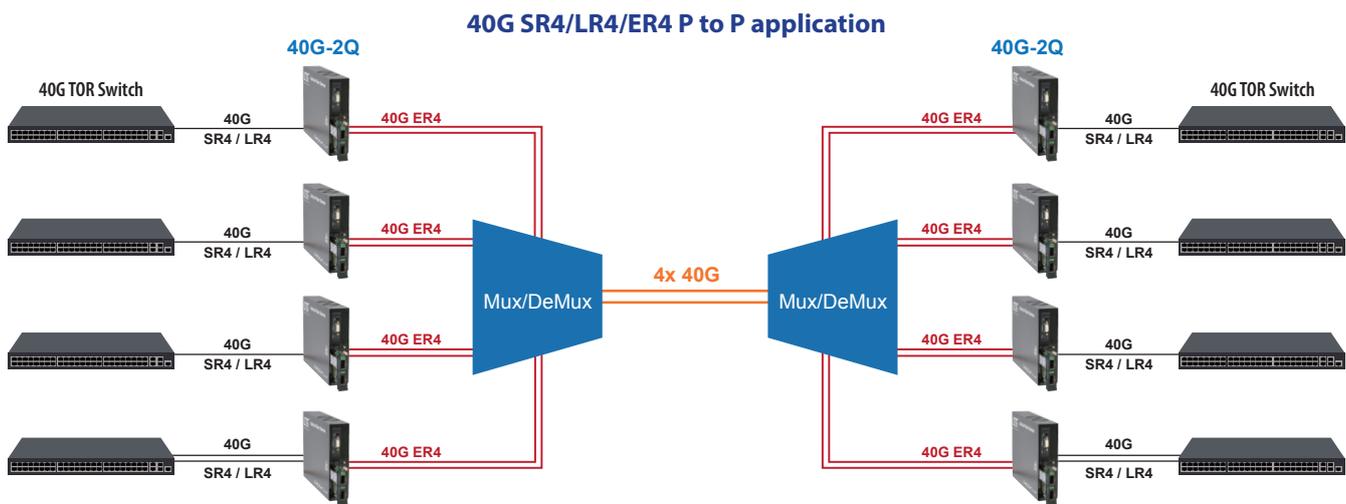
Features

- Network management via FRM220 chassis
- Supports 40G repeater mode or Quad 10G optical multiplexer mode
- 40G link interface --Ethernet/IEEE: 802.3ba 40GE-SR4/LR4/ER4
- 40G multi-link (fiber) interfaces --Ethernet/IEEE: 802.3ba XLAUI and OIF: CEI-11G
- QSFP ports for flexibility and scalability

- Supports hot-swapping (module and interfaces)
- Supports jumbo frame
- Supports DMI function for QSFP+ fiber module
- RoHS compliant and Lead-Free
- Supports loopback test function
- 3R function (Regenerator, Reshaper, Retimer)

Specifications

Equipment function	3R Transponder (Regenerator / Reshaper / Retimer)
Protocol	Multiple functions in one module: 40G converter/repeater—Quad 10G optical multiplexer 40G link interface
	Ethernet/IEEE 802.3ba 40GE-SR4/LR4/ER4
	10G interface:9.95 ~ 11.3125Gbps
Access Type	40G Ethernet
Interface Type	QSFP+
Transmission Distance	Up to QSFP+ module

Power requirement	Power input 12VDC	
	Power consumption: ≤12W	
Work Environment	Operating Temperature	0 ~ 50°C
	Storage Temperature	-10 ~ 70°C
	Humidity	5 ~ 90% (non-condensing)
Dimension	Card: 155 x 20.8 x 88mm (D x W x H)	

Application

40G SR4/LR4/ER4 P to P application

-Related Products : FRM220-40G-1Q4S/FRM220-16G-3R/10G-FEC/10G-SXX/10G-SS/2.7G-3S (40G, 16G, 10G FEC, 10G and 2.7G 3R Transponder)

Ordering Information

Model Name	Description
FRM220-40G-2Q	40G 3R transponder QSFP+ to QSFP+

Note: This card MUST be placed in CH02M chassis with fan. For SNMP management, place this card in CH02/SMT chassis.