



The ComNet selection of MSA Compliant Small Form-Factor Pluggable (SFP) modules allows for an optical or electrical interface when using a ComNet managed switch, unmanaged switch or media converter. These interchangeable SFP modules are available for use with copper media, multimode optical fiber, or single mode optical fiber. The optical fiber SFP modules are available in Fast Ethernet one and two fiber versions and Gigabit Ethernet one and two fiber versions. They also are available with LC or SC optical connectors. The ComNet SFP modules offer different wavelengths and optical power budget to allow distances from 300 meters to 120 kilometers. These SFP modules are industrially rated to perform in the most difficult operating environments. A ComNet SFP interface is required for use with all ComNet SFP configurable products to qualify for the ComNet Lifetime Warranty.

## FEATURES

- › Interchangeable SFP for fiber type, distance and connector
- › IEEE 802.3 compliant
- › Conforms to (SFP) Small Form-Factor Pluggable Multi-Source Agreement (MSA)
- › Operating temperature: -40° C to +75° C
- › Storage temperature: -40° C to +85° C
- › No in-field adjustments required
- › Lifetime Warranty

## ORDERING INFORMATION

| Item Number          | Mbps        | Transmission Medium <sup>1</sup> | Transmit Wavelength | Received Wavelength | Maximum Path Length     | TX Power (dBm) | RX Sensitivity (dBm) | Opt. Loss Budget (dBm) | Number of Fibers | Receptacle Type |
|----------------------|-------------|----------------------------------|---------------------|---------------------|-------------------------|----------------|----------------------|------------------------|------------------|-----------------|
| SFP-1                | 10/100/1000 | Copper                           | N/A                 | N/A                 | IEEE 802.3              | N/A            | N/A                  | N/A                    | N/A              | RJ45            |
| SFP-2                | 100         | Multimode                        | 1310 nm             | 1310 nm             | 2 km                    | -19            | ≤-30                 | 11                     | 2                | LC              |
| SFP-3                | 100         | Single Mode                      | 1310 nm             | 1310 nm             | 20 km                   | -15            | ≤-31                 | 16                     | 2                | LC              |
| SFP-4                | 100         | Single Mode                      | 1310 nm             | 1310 nm             | 40 km                   | -14            | ≤-34                 | 20                     | 2                | LC              |
| SFP-5                | 100         | Single Mode                      | 1550 nm             | 1550 nm             | 80 km                   | -5             | ≤-31                 | 26                     | 2                | LC              |
| SFP-6                | 1000        | Single Mode                      | 1310 nm             | 1310 nm             | 15 km                   | -8             | ≤-24                 | 16                     | 2                | LC              |
| SFP-7                | 1000        | Single Mode                      | 1310 nm             | 1310 nm             | 40 km                   | -5             | ≤-24                 | 19                     | 2                | LC              |
| SFP-8                | 1000        | Single Mode                      | 1550 nm             | 1550 nm             | 70 km                   | 0              | ≤-24                 | 24                     | 2                | LC              |
| SFP-9                | 1000        | Single Mode                      | 1550 nm             | 1550 nm             | 120 km                  | 0              | ≤-32                 | 32                     | 2                | LC              |
| SFP-10A              | 100         | Single Mode                      | 1310 nm             | 1550 nm             | 20 km                   | -14            | ≤-33                 | 19                     | 1                | LC              |
| SFP-10B              | 100         | Single Mode                      | 1550 nm             | 1310 nm             | 20 km                   | -14            | ≤-33                 | 19                     | 1                | LC              |
| SFP-12A              | 1000        | Single Mode                      | 1310 nm             | 1550 nm             | 20 km                   | -8             | ≤-22                 | 14                     | 1                | LC              |
| SFP-12B              | 1000        | Single Mode                      | 1550 nm             | 1310 nm             | 20 km                   | -8             | ≤-22                 | 14                     | 1                | LC              |
| SFP-14A              | 1000        | Single Mode                      | 1310 nm             | 1550 nm             | 20 km                   | -8             | ≤-22                 | 14                     | 1                | SC              |
| SFP-14B              | 1000        | Single Mode                      | 1550 nm             | 1310 nm             | 20 km                   | -8             | ≤-22                 | 14                     | 1                | SC              |
| SFP-16               | 1000        | Multimode                        | 850 nm              | 850 nm              | 550 m <sup>2</sup>      | -9.5           | ≤-17                 | 7.5                    | 2                | LC              |
| SFP-18A              | 1000        | Single Mode                      | 1310 nm             | 1550 nm             | 60 km                   | -1             | ≤-26                 | 25                     | 1                | LC              |
| SFP-18B              | 1000        | Single Mode                      | 1550 nm             | 1310 nm             | 60 km                   | -3             | ≤-26                 | 23                     | 1                | LC              |
| SFP-20A              | 100         | Single Mode                      | 1310 nm             | 1550 nm             | 60 km                   | -5             | ≤-34                 | 29                     | 1                | LC              |
| SFP-20B              | 100         | Single Mode                      | 1550 nm             | 1310 nm             | 60 km                   | -6             | ≤-34                 | 28                     | 1                | LC              |
| SFP-22A              | 1000        | Single Mode                      | 1310 nm             | 1550 nm             | 60 km                   | -1             | ≤-26                 | 25                     | 1                | SC              |
| SFP-22B              | 1000        | Single Mode                      | 1550 nm             | 1310 nm             | 60 km                   | -3             | ≤-26                 | 23                     | 1                | SC              |
| SFP-24A              | 100         | Single Mode                      | 1310 nm             | 1550 nm             | 60 km                   | -5             | ≤-34                 | 29                     | 1                | SC              |
| SFP-24B              | 100         | Single Mode                      | 1550 nm             | 1310 nm             | 60 km                   | -6             | ≤-34                 | 28                     | 1                | SC              |
| SFP-26A              | 100         | Multimode                        | 1310 nm             | 1550 nm             | 2 km                    | -15            | ≤-30                 | 15                     | 1                | SC              |
| SFP-26B              | 100         | Multimode                        | 1550 nm             | 1310 nm             | 2 km                    | -15            | ≤-30                 | 15                     | 1                | SC              |
| SFP-36A              | 100         | Single Mode                      | 1310 nm             | 1550 nm             | 20 km                   | -15            | ≤-34                 | 19                     | 1                | SC              |
| SFP-36B              | 100         | Single Mode                      | 1550 nm             | 1310 nm             | 20 km                   | -15            | ≤-34                 | 19                     | 1                | SC              |
| SFP-SX <sup>3</sup>  | 1000        | Multimode                        | 850 nm              | 850 nm              | 550 m <sup>2</sup>      | -9.5           | ≤-17                 | 7.5                    | 2                | LC              |
| SFP-LX <sup>3</sup>  | 1000        | Single Mode                      | 1310 nm             | 1310 nm             | 10 km <sup>2</sup>      | -9.5           | ≤-20                 | 10.5                   | 2                | LC              |
| SFP-LH <sup>3</sup>  | 1000        | SM & MM                          | 1310 nm             | 1310 nm             | 20 km/550m <sup>2</sup> | -3             | ≤-20                 | 17                     | 2                | LC              |
| SFP-ZX <sup>3</sup>  | 1000        | Single Mode                      | 1550 nm             | 1550 nm             | 70km                    | 0              | ≤-23                 | 23                     | 2                | LC              |
| SFP-BXU <sup>3</sup> | 1000        | Single Mode                      | 1310 nm             | 1490 nm             | 10km                    | -9             | ≤-19.5               | 10.5                   | 1                | LC              |
| SFP-BXD <sup>3</sup> | 1000        | Single Mode                      | 1490 nm             | 1310 nm             | 10km                    | -9             | ≤-19.5               | 10.5                   | 1                | LC              |

[1] Multimode fiber needs to meet or exceed fiber standard ITU-T G.651. Single mode fiber needs to meet or exceed fiber standard ITU-T G.652.

[2] 550m using laser-optimized 50/125µm fiber; 300m using 62.5/125µm fiber.

[3] Comnet SFP modules will optically communicate with properly matched Cisco SFPs when Cisco SFPs are installed in a Cisco switch. Note that Comnet SFPs will not operate when installed in a Cisco switch.



Complies with FDA Performance Standard for Laser Products, Title 21, Code of Federal Regulations, Subchapter J  
In a continuing effort to improve and advance technology, product specifications are subject to change without notice.

ComNet SFP Model No

SFP

| ComNet Model           | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10A | 10B | 12A | 12B | 14A | 14B | 16 | 18A | 18B | 20A | 20B | 22A | 22B | 24A | 24B | 26A | 26B | 36A | 36B | SK | LX | LH | ZX | BXU | BXD | 3 | 4 | CL-SFP* |   |   |   |   |   |
|------------------------|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|-----|-----|---|---|---------|---|---|---|---|---|
| CNGE3FE7MS2            | - | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | •       | • | • | • |   |   |
| CNGE3FE7MS3            | - | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | •       | • | • | • | • |   |
| CNGE3FE7MS4            | - | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | •       | • | • | • | • |   |
| CNGE2FE8MSPOE          | - | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | •       | • | • | • | • |   |
| CNGE2FE8MSPOE+         | - | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | •       | • | • | • | • |   |
| CNGE2FE16MS            | - | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | •       | • | • | • | • |   |
| CNGE8FX4TX4MS          | • | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | •       | • | • | • | • |   |
| CNGE5MS                | - | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | •       | • | • | • | • |   |
| CNGE8MS                | - | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | •       | • | • | • | • |   |
| CNGE12MS               | • | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | •       | • | • | • | • |   |
| CNGE24MS               | • | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | •       | • | • | • | • |   |
| CNGE2FE24MS            | - | - | - | - | - | - | - | - | - | -   | -   | -   | -   | -   | -   | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | - | - | -       | - | - | - |   |   |
| CNGE2FE24MSPOE         | - | - | - | - | - | - | - | - | - | -   | -   | -   | -   | -   | -   | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | - | - | -       | - | - | - |   |   |
| CNGE28FX4TX24MSPOE     | • | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | •       | • | • | • | • | • |
| CWGE2FE8MSPOE          | - | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | •       | • | • | • | • |   |
| CWGE9MS                | - | - | - | - | - | - | - | - | - | -   | -   | -   | -   | -   | -   | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | - | - | -       | - | - | - |   |   |
| CWGE2FE24MODMS/CHASSIS | - | - | - | - | - | - | - | - | - | -   | -   | -   | -   | -   | -   | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | - | - | -       | - | - | - |   |   |
| CWGE2FE24MODMS/8SFP    | - | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | •       | • | • | • | • |   |
| CWGE24MODMS            | • | - | - | - | - | - | - | - | - | -   | -   | -   | -   | -   | -   | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | - | - | -       | - | - | - |   |   |
| CWGE28FX4TX24MS        | • | - | - | - | - | - | - | - | - | -   | -   | -   | -   | -   | -   | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | - | - | -       | - | - | - | - |   |
| CWGE26FX2TX24MSPOE     | • | - | - | - | - | - | - | - | - | -   | -   | -   | -   | -   | -   | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | - | - | -       | - | - | - | - |   |
| CNGE2FE4MS[POE]        | - | - | - | - | - | - | - | - | - | -   | -   | -   | -   | -   | -   | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | - | - | -       | - | - | - | - |   |
| CNGE8US                | • | - | - | - | - | - | - | - | - | -   | -   | -   | -   | -   | -   | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | - | - | -       | - | - | - | - |   |
| CNGE4US                | • | - | - | - | - | - | - | - | - | -   | -   | -   | -   | -   | -   | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | - | - | -       | - | - | - | - |   |
| CNFE8X8US              | - | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | •       | • | • | • | • | • |
| CNFE8FX4X4US           | - | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | •       | • | • | • | • |   |
| CNFE4FX2X2US           | - | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | •       | • | • | • | • |   |
| CNFE4FX4US             | - | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | •       | • | • | • | • |   |
| FE2MC-B                | - | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | •       | • | • | • | • |   |
| CNFE2MC                | - | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | •       | • | • | • | • |   |

# COMPATIBILITY MATRIX (continued)

## Small Form-Factor Pluggable (SFP) Copper and Optical Fiber Transceivers

ComNet SFP Model No

SFP

CL-SFP\*

| ComNet Model     | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10A | 10B | 12A | 12B | 14A | 14B | 16 | 18A | 18B | 20A | 20B | 22A | 22B | 24A | 24B | 26A | 26B | 36A | 36B | SX | LX | LH | ZX | BXU | BXD | 3 | 4 |   |   |   |
|------------------|---|---|---|---|---|---|---|---|---|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|-----|-----|---|---|---|---|---|
| CNFE2MC[AC]M     | - | • | • | • | • | • | - | - | - | •   | •   | -   | -   | -   | -   | -  | -   | -   | •   | •   | -   | -   | •   | •   | -   | -   | •   | •   | -  | -  | -  | -  | -   | -   | - | - | • | • |   |
| CNFE22MC         | - | • | • | • | • | • | - | - | - | •   | •   | -   | -   | -   | -   | -  | -   | -   | •   | •   | -   | -   | •   | •   | -   | -   | •   | •   | -  | -  | -  | -  | -   | -   | - | - | - | • | • |
| CNFE2MC2[Q]M     | - | • | • | • | • | • | - | - | - | •   | •   | -   | -   | -   | -   | -  | -   | -   | •   | •   | -   | -   | •   | •   | -   | -   | •   | •   | -  | -  | -  | -  | -   | -   | - | - | - | • | • |
| CNFE2MC          | - | - | - | - | - | - | • | • | • | -   | -   | •   | •   | -   | -   | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | - | - | - | - |   |
| CNFE2MC-M        | - | - | - | - | - | - | • | • | • | -   | -   | •   | •   | -   | -   | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | - | - | - | - |   |
| CNFE22MC         | - | - | - | - | - | - | • | • | • | -   | -   | •   | •   | -   | -   | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | - | - | - | - |   |
| CNMCSPF/M        | - | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | • | • |   |
| CNMCSPF          | - | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | • | • |   |
| CNMC2SFP         | - | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | • | • |   |
| CWFESFPMCPOE30/M | - | • | • | • | • | • | - | - | - | •   | •   | -   | -   | -   | -   | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | - | - | - | - |   |
| CWFESFPMCPOE60/M | - | • | • | • | • | • | - | - | - | •   | •   | -   | -   | -   | -   | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | - | - | - | - |   |
| CNFE2MCPOE       | - | • | • | • | • | • | - | - | - | •   | •   | -   | -   | -   | -   | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | - | - | - | - |   |
| CNFE2MCPOEM      | - | • | • | • | • | • | - | - | - | •   | •   | -   | -   | -   | -   | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | - | - | - | - |   |
| CNMCSPPOE/M      | - | • | • | • | • | • | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | • | • | • |
| CNFE2DOE2        | - | • | • | • | • | • | - | - | - | •   | •   | -   | -   | -   | -   | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | - | - | - | - |   |
| CNFE8TCOE        | - | • | • | • | • | • | - | - | - | •   | •   | -   | -   | -   | -   | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | - | - | - | - |   |
| CNFE8RCOE        | - | • | • | • | • | • | - | - | - | •   | •   | -   | -   | -   | -   | -  | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -   | -  | -  | -  | -  | -   | -   | - | - | - | - |   |
| FV7/FVR40SFP     | - | - | - | - | - | - | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | • | • |   |
| FV7/FVR80SFP     | - | - | - | - | - | - | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | • | • |   |
| FV7/FVR40D2SFP   | - | - | - | - | - | - | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | • | • |   |
| FV7/FVR40D4SFP   | - | - | - | - | - | - | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | • | • |   |
| FV7/FVR80D2SFP   | - | - | - | - | - | - | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | • | • |   |
| FV7/FVR80D4SFP   | - | - | - | - | - | - | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | • | • | • |
| FV7/FVR80D8SFP   | - | - | - | - | - | - | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | • | • | • |
| FV7/FVR8SFP2R    | - | - | - | - | - | - | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | • | • | • |
| FV7/FVR8SFP2R08  | - | - | - | - | - | - | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | • | • | • |
| FV7/FVR10D21C4E  | - | - | - | - | - | - | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | • | • | • |
| FV7/FVR20D21C4E  | - | - | - | - | - | - | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | • | • | • |
| FV7/FVR40D21C4E  | - | - | - | - | - | - | • | • | • | •   | •   | •   | •   | •   | •   | •  | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •   | •  | •  | •  | •  | •   | •   | • | • | • | • | • |