

# VIAVI

## MAP-Series

### Mainframe Module Support

#### Light Direct Modules Currently Supported in MAP-300

| MAP Family   | Category             | Module   | Variant Code                       | Notes                          | Status       | Replacement Module | First Compatible MAP-300 FW | Minimum required FW*        |                             |
|--------------|----------------------|----------|------------------------------------|--------------------------------|--------------|--------------------|-----------------------------|-----------------------------|-----------------------------|
| Light Direct | Sources & Amplifiers | mBBS-C1  |                                    |                                | Active       |                    | 61.0                        | 1.3.7                       |                             |
|              |                      | mBBS-A1  |                                    |                                | Discontinued | mBBS-C1            | 8.5.3                       | Fixed. Not Field Upgradable |                             |
|              |                      | mEDFA-C1 |                                    |                                |              | Active             |                             | 61.0                        | 1.3.7                       |
|              |                      | mEDFA-A1 |                                    |                                |              | Discontinued       | mEDFA-C1                    | 8.5.3                       | Fixed. Not Field Upgradable |
|              |                      | mOFA-C1  |                                    |                                |              | Active             |                             | 101.0                       | 3.6.10                      |
|              |                      | mSRC-C2  | DF, HS                             | DFB Source, High Power SLED    | Active       |                    | 75.0                        | 3.4.11                      |                             |
|              |                      | mSRC-C2  | SL, SLX, FP, FPX, FB, FBX, LP, LPX | SLED, FP and LED               | Active       |                    | 61.0                        | 3.4.11                      |                             |
|              |                      | mSRC-C2  | SA                                 | O-band Amplifier               | Discontinued | mOFA-C1            | 61.0                        | 3.4.11                      |                             |
|              |                      | mTLG-C2  | C1, C2, C4                         | C-band                         | Discontinued | mTLG-C3            | 61.0                        | 3.0.3                       |                             |
|              |                      | mTLG-C2  | L1, L2, L4, C1L1                   | L-band and C+L band            | Active       |                    |                             |                             |                             |
|              |                      | mTLG-A1  |                                    |                                | Discontinued | mTLG-C2            | 61.0                        | 3.0.3                       |                             |
|              |                      | mTLG-B1  |                                    |                                | Discontinued | mTLG-C2            | 61.0                        | 3.0.3                       |                             |
|              |                      | mTLG-C1  |                                    |                                | Discontinued | mTLG-C2            | 61.0                        | 3.0.3                       |                             |
|              |                      | mTLG-C3  | C1, C2, C4                         |                                | Active       |                    | 8.0.0                       | 3.5.6                       |                             |
|              | mTLS-C1              |          |                                    | Active                         |              | 75.0               | 11.9                        |                             |                             |
|              | Signal Conditioning  | mPCX-C1  | S                                  | C and L-band                   | Active       |                    | 61.0                        | 11.9                        |                             |
|              |                      | mPCX-C1  | 3, BA                              | O-band and Basic/Scramble only | Active       |                    | 75.0                        | 1.2.7                       |                             |
|              |                      | mTFX-C1  |                                    | Only L-band is active          | Discontinued | mTFX-C3            | 70.0                        | 3.2.6                       |                             |
|              |                      | mTFX-C2  |                                    | C-band                         | Active       |                    | 8.5.3                       | 3.3.5                       |                             |
|              |                      | mTFX-C3  |                                    | L-band                         | Active       |                    | 10.5                        |                             |                             |
|              |                      | mVOA-C1  |                                    | without triggering             | Active       |                    | 61.0                        | 2.2.20                      |                             |
|              |                      | mVOA-C1  | Rev > 100                          | with triggering                | Active       |                    | 75.0                        | 3.1.9                       |                             |
|              |                      | mVOA-A1  |                                    |                                | Discontinued | mVOA-C1            | 8.0.0                       | Fixed. Not Field Upgradable |                             |
| mVOA-A2      |                      |          |                                    | Discontinued                   | mVOA-C1      | 8.0.0              | Fixed. Not Filed Upgradable |                             |                             |
| mVBR-C1      |                      |          |                                    | Active                         |              | 75.0               | 3.0.1                       |                             |                             |
| mUTL-C1      |                      |          |                                    | Active                         |              | 61.0               | 1.0.30                      |                             |                             |
| mUTL-B1      |                      |          |                                    | Discontinued                   | mUTL-C1      | 61.0               | 1.10.30                     |                             |                             |

| MAP Family   | Category                      | Module    | Variant Code | Notes          | Status       | Replacement Module | First Compatible MAP-300 FW | Minimum required FW*        |
|--------------|-------------------------------|-----------|--------------|----------------|--------------|--------------------|-----------------------------|-----------------------------|
| Light Direct | Power & Spectral Measurements | mHROSA-A1 |              |                | Discontinued | mHROSA-A2          | 6.2.0                       | N/A                         |
|              |                               | mHROSA-A2 |              |                | Active       |                    | 8.5.3                       | N/A                         |
|              |                               | mOSA-C1   | CL           | C- and L-band  | Active       |                    | 9.0.0                       | 2.3.26                      |
|              |                               | mWave-A1  |              | SCPI only      | Discontinued | mHROSA-A2          | 7.5.0                       | N/A                         |
|              |                               | mOPM-C1   |              |                | Active       |                    | 6.1.0                       | 1.10.17                     |
|              |                               | mOPM-B1   |              |                | Discontinued | mOPM-C1            | 6.1.0                       | 1.10.17                     |
|              |                               | mOPM-A1   |              |                | Discontinued | mOPM-C1            | 8.0.0                       | Fixed. Not Field Upgradable |
|              |                               | OPMScope  |              | Software       | Active       |                    | 7.5.0                       | 1.10.17                     |
|              | Switching & Routing           | mOSX-C1   |              | 16 and 32 port | Active       |                    | 6.2.0                       | 1.1.4                       |
|              |                               | mOSX-C1   |              | 48 port        | Active       |                    | 8.0.0                       | 2.0.0                       |
|              |                               | mOSW-C1   |              |                | Active       |                    | 6.1.0                       | 1.7.4                       |
|              |                               | mLCS-A1   |              |                | Discontinued | mOSW-C1            | 7.6.2                       | Fixed. Not Field Upgradable |
|              |                               | mLCS-A2   |              |                | Discontinued | mOSW-C1            | 7.6.2                       | Fixed. Not Field Upgradable |
|              |                               | mSCS-B1   |              |                | Discontinued | mOSW-C1            | 7.6.2                       | Fixed. Not Field Upgradable |
| mSCS-B2      |                               |           |              | Discontinued   | mOSW-C1      | 7.6.2              | Fixed. Not Field Upgradable |                             |
| mSCS-A1      |                               |           |              | Discontinued   | mOSW-C1      | 7.6.2              | Fixed. Not Field Upgradable |                             |

\*Minimum load for cassette to be recognizable and be upgradable. Upgrade to the next FW version when available

## Light Direct Modules not Supported in MAP-300

| MAP Family   | Category                     | Module  | Status       | Replacement Module |
|--------------|------------------------------|---------|--------------|--------------------|
| Light Direct | Optical Sources & Amplifiers | mSRC-C1 | Discontinued | mSRC-C2            |
|              |                              | mLED-A1 | Discontinued | mSRC-C2            |
|              |                              | mDFB-A1 | Discontinued | mSRC-C2/mTLG-C2    |
|              |                              | mTLS-A1 | Discontinued | mTLS-C1            |
|              |                              | mRFS-A1 | Discontinued | None               |
|              |                              | mDFA-A1 | Discontinued | None               |
|              |                              | mFPL-A1 | Discontinued | mSRC-C2            |
|              | Signal Conditioning          | mPCS-A1 | Discontinued | mPCX-C2            |
|              |                              | mTBF-A1 | Discontinued | mTFX-C1/mTFX-C2    |
|              |                              | mVBR-A1 | Discontinued | mVBR-C1            |
|              |                              | mUTL-A1 | Discontinued | mUTL-C1            |

## Light Test System Support in MAP-300

| MAP Family | Category                     | Module     | Notes            | Status       | Replacement Module  | MAP-300 Compatible | First Compatible MAP-300 FW | Lowest Cassette Recommended FW*         | 8.0 MAP FW Compatible Cassette FW |
|------------|------------------------------|------------|------------------|--------------|---------------------|--------------------|-----------------------------|---|-----------------------------------|
| Light Test | IL & RL Testing              | mOLM-A1    | MAP-220 only     | Active       |                     | No                 | N/A                         | N/A                                     | N/A                               |
|            |                              | mORL-A1    |                  | Active       |                     | Yes                | 7.0.0                       | 1.9.12                                  |                                   |
|            |                              | mIL-A2     |                  | Discontinued | mORL-A1/<br>mOLM-A1 | Yes                | 7.5.0                       |   |                                   |
|            | DWDM & ROADM Testing         | mSWS-A2SLS |                  | Active       |                     | Yes                | 8.0.0                       | See mSWSload lineup for compatibility   | 1.1.9                             |
|            |                              | mSWS-A2SOM |                  | Active       |                     | Yes                | 8.0.0                       |   | 2.0.17                            |
|            |                              | mSWS-A2TX  |                  | Active       |                     | Yes                | 8.0.0                       |   | 2.1                               |
|            |                              | mSWS-A2DM  |                  | Active       |                     | Yes                | 8.0.0                       |   | 2.0.17                            |
|            |                              | mSWS-A2RX  |                  | Active       |                     | Yes                | 8.0.0                       |   | 2.1.2                             |
|            |                              | mSWS-A1SLS |                  | Discontinued | mSWS-A2SLS          | No                 |                             |   | N/A                               |
|            | Environmental Testing (OCET) | mOCETS-A3  | Certified system | Active       |                     | Yes                | 8.5.4                       | See OCETS load lineup for compatibility | N/A                               |
|            |                              | FlexOCETS  | PC software      | Active       |                     | Yes                | 8.5.4                       |   |                                   |

\*Minimum load for cassette to be recognizable and be upgradable. Upgrade to the next FW version when available.

## Light Direct Modules Currently Supported in MAP-200

| MAP Family   | Category                     | Module                        | Variant Code                       | Notes                       | Status                             | Lowest recommended FW*      | Last Tested FW |        |
|--------------|------------------------------|-------------------------------|------------------------------------|-----------------------------|------------------------------------|-----------------------------|----------------|--------|
| Light Direct | Optical Sources & Amplifiers | mBBS-C1                       |                                    |                             | Active                             | 1.3.1                       | 1.3.9          |        |
|              |                              | mBBS-A1                       |                                    |                             | Discontinued                       | Fixed. Not field upgradable |                |        |
|              |                              | mEDFA-C1                      |                                    |                             | Active                             | 1.3.1                       | 1.3.9          |        |
|              |                              | mEDFA-A1                      |                                    |                             | Discontinued                       | Fixed. Not field upgradable |                |        |
|              |                              | mTLG-C2                       |                                    |                             | Active                             | 1.10.7                      | 3.0.3          |        |
|              |                              | mTLG-A1                       |                                    |                             | Discontinued                       | 1.10.7                      | 3.0.3          |        |
|              |                              | mTLG-B1                       |                                    |                             | Discontinued                       | 1.10.7                      | 3.0.3          |        |
|              |                              | mTLG-C1                       |                                    |                             | Discontinued                       | 1.10.7                      | 3.0.3          |        |
|              |                              | mTLS-A1                       |                                    |                             | Discontinued                       | Fixed. Not field upgradable |                |        |
|              |                              | mSRC-C2                       | SL, SLX, FP, FPX, FB, FBX, LP, LPX | SLED, FP and LED            | Active                             | 3.3.6                       | 3.4.12         |        |
|              |                              | mSRC-C2                       | SA                                 | O-band Amplifier            | Active                             | 3.3.6                       | 3.4.12         |        |
|              |                              | mSRC-C1                       |                                    |                             | Discontinued                       | 3.3.6                       | 3.4.12         |        |
|              |                              | mDFB-A1                       |                                    |                             | Discontinued                       | Fixed. Not field upgradable |                |        |
|              |                              | mFPL-A1                       |                                    |                             | Discontinued                       | Fixed. Not field upgradable |                |        |
|              |                              | mLED-A1                       |                                    |                             | Discontinued                       | Fixed. Not field upgradable |                |        |
|              |                              | mRFS-A1                       |                                    |                             | Discontinued                       | Fixed. Not field upgradable |                |        |
|              | mDFA-A1                      |                               |                                    | Discontinued                | Fixed. Not field upgradable        |                             |                |        |
|              | Signal Conditioning          | mPCX-C1                       | S                                  | C and L-band                | Active                             | 1.1.9                       | 1.2.10         |        |
|              |                              | mTFX-C1                       |                                    |                             | Discontinued C-band. Active L-band | 3.1.3                       | 3.3.0          |        |
|              |                              | mVBR-A1                       |                                    |                             | Discontinued                       | Fixed. Not field upgradable |                |        |
|              |                              | mVOA-C1                       |                                    |                             | Active                             | 2.2.7                       | 3.1.9          |        |
|              |                              | mVOA-A2                       |                                    |                             | Discontinued                       | Fixed. Not field upgradable |                |        |
|              |                              | mVOA-A1                       |                                    |                             | Discontinued                       | Fixed. Not field upgradable |                |        |
|              |                              | mPCS-A1                       |                                    |                             | Discontinued                       | Fixed. Not field upgradable |                |        |
|              |                              | mTBF-A1                       |                                    |                             | Discontinued                       | Fixed. Not field upgradable |                |        |
|              |                              | Power & Spectral Measurements | mOPM-C1                            |                             |                                    | Active                      | 1.8.12         | 2.0.16 |
|              |                              |                               | mOPM-B1                            |                             |                                    | Discontinued                | 1.8.12         | 2.0.16 |
|              | mOPM-A1                      |                               |                                    |                             | Discontinued                       | Fixed. Not field upgradable |                |        |
|              | OPMscope                     |                               |                                    | Software License            | Active                             | License Available           |                |        |
|              | mHROSA-A1                    |                               |                                    |                             | Discontinued                       | Fixed. Not field upgradable |                |        |
| mWave-A1     |                              |                               |                                    | Discontinued                | Fixed. Not field upgradable        |                             |                |        |
| Light Direct | Signal Switching & Routing   | mOSW-C1                       |                                    |                             | Active                             | 1.2.3                       | 2.0.10         |        |
|              |                              | mOSX- C1                      |                                    | 16 & 32 Port                | Active                             | 1.2.3                       | 1.1.6          |        |
|              |                              | mUTL-C1                       |                                    |                             | Active                             | 1.0.30                      | 1.0.30         |        |
|              |                              | mUTL-A1                       |                                    |                             | Discontinued                       | Fixed. Not field upgradable |                |        |
|              |                              | mUTL-B1                       |                                    |                             | Discontinued                       | 1.0.30                      | 1.0.30         |        |
|              |                              | mLCS-A1                       |                                    |                             | Discontinued                       | Fixed. Not field upgradable |                |        |
|              |                              | mLCS-A2                       |                                    |                             | Discontinued                       | Fixed. Not field upgradable |                |        |
|              |                              | mSCS-B1                       |                                    |                             | Discontinued                       | Fixed. Not field upgradable |                |        |
|              |                              | mSCS-B2                       |                                    |                             | Discontinued                       | Fixed. Not field upgradable |                |        |
| mSCS-A1      |                              |                               | Discontinued                       | Fixed. Not field upgradable |                                    |                             |                |        |

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## Light Test Modules Currently Supported in MAP-200

| MAP Family | Category                     | Module     | Status       | Lowest recommended FW*                  | Last Tested FW |  |
|------------|------------------------------|------------|--------------|---|----------------|--|
| Light Test | IL & RL Testing              | mORL-A1    | Active       |   | 1.9.12         |  |
|            |                              | mIL-A2     | Discontinued |   |                |  |
|            | DWDM & ROADM Testing         | mSWS-A2SOM | Active       | 1.8.19                                  | 2.0.17         |  |
|            |                              | mSWS-A2TX  | Active       | 1.7.9                                   | 2.1.1          |  |
|            |                              | mSWS-A2DM  | Active       | 1.8.19                                  | 2.0.17         |  |
|            |                              | mSWS-A2RX  | Active       | 1.8.19                                  | 2.1.1          |  |
|            |                              | mSWS-A1SLS | Discontinued | Fixed. Not field upgradable             |                |  |
|            | Environmental Testing (OCET) | mOCETS-A3  | Active       | See OCETS load lineup for compatibility |                |  |
|            |                              | FlexOCETS  | Active       |   |                |  |

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## Light Direct Modules Not Supported in MAP-200

| MAP Family   | Category                      | Module    | Variant Code | Notes                         | Status | Lowest recommended FW* |
|--------------|-------------------------------|-----------|--------------|-------------------------------|--------|------------------------|
| Light Direct | Optical Source & Amplifiers   | mTLS-C1   |              |                               | Active | Not Supported          |
|              |                               | mSRC-C2   | DF           | DFB Source                    | Active | Not Supported          |
|              |                               | mSRC-C2   | HS           | High power SLED               | Active | Not Supported          |
|              | Signal Conditioning           | mPCX-C1   | 3, BA        | O-band & Basic/ Scramble only | Active | Not Supported          |
|              |                               | mVBR-C1   |              |                               | Active | Not Supported          |
|              |                               | mVOA-C1   | Rev >= 100   | Triggering Feature            | Active | Not Supported          |
|              |                               | mTFX-C2   |              | C-band                        | Active | Not Supported          |
|              | Switching                     | mOSX-C1   |              | 48 Port and higher            | Active | Not Supported          |
|              | Power & Spectral Measurements | mHROSA-A2 |              |                               | Active | Not Supported          |
|              |                               | mOSA-C2   |              |                               | Active | Not Supported          |

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## Light Test Modules Not Supported in MAP-200

| MAP Family | Category             | Module     | Status | Lowest recommended FW* |
|------------|----------------------|------------|--------|------------------------|
| Light Test | IL & RL Testing      | mOLM-A1    | Active | Not Supported          |
|            | DWDM & ROADM Testing | mSWS-A2SLS | Active | Not Supported          |

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