

# SFP & Stacking Accessories

## Fiber Transceivers

| Meraki Product ID | Standard      | Wavelength (nm) | Fiber Type | Fiber Description               | Core / Diameter  | Jacket Color   | Max Distance      | Data Rate  | Compatibility   |
|-------------------|---------------|-----------------|------------|---------------------------------|------------------|----------------|-------------------|------------|---|
| MA-SFP-1GB-SX     | 1000BASE-SX   | 850             | MMF        | OM1                             | 62.5 μm / 125 μm | Orange         | 220m              | Gigabit    |   |
| MA-SFP-1GB-SX     | 1000BASE-SX   | 850             | MMF        | OM2                             | 50 μm / 125 μm   | Orange         | 550m              | Gigabit    | MX 84/ MX 100<br>MX 250/ MX 400   |
| MA-SFP-1GB-SX     | 1000BASE-SX   | 850             | MMF        | OM3                             | 50 μm / 125 μm   | Aqua           | 550m              | Gigabit    | MX 450/ MX 600<br>MS 120 Series   |
| MA-SFP-1GB-SX     | 1000BASE-SX   | 850             | MMF        | OM4                             | 50 μm / 125 μm   | Aqua           | 1km               | Gigabit    | MS 210 Series<br>MS 225 Series  |
| MA-SFP-1GB-LX10   | 1000BASE-LX10 | 1310            | SMF        | OS1/OS2                         | 9 μm / 125 μm    | Yellow         | 10km              | Gigabit    | MS 250 Series<br>MS 350 Series  |
| MA-SFP-1GB-LX10   | 1000BASE-LX10 | 1310            | MMF        | with LC mode-conditioning cable |                  | Yellow/ Orange | 550m              | Gigabit    | MS 410 Series<br>MS 425 Series  |
| MA-SFP-1GB-TX     | 1000BASE-T    | N/A             | N/A        | N/A                             | N/A              | N/A            | 100m              | Gigabit    |   |
| MA-SFP-10GB-SR    | 10GBASE-SR    | 850             | MMF        | OM1                             | 62.5 μm / 125 μm | Orange         | 26m               | 10 Gigabit |   |
| MA-SFP-10GB-SR    | 10GBASE-SR    | 850             | MMF        | OM2                             | 50 μm / 125 μm   | Orange         | 82m               | 10 Gigabit | MX 250/ MX 400<br>MX 450/ MX 600  |
| MA-SFP-10GB-SR    | 10GBASE-SR    | 850             | MMF        | OM3                             | 50 μm / 125 μm   | Aqua           | 300m              | 10 Gigabit | MS 225 Series<br>MS 250 Series  |
| MA-SFP-10GB-SR    | 10GBASE-SR    | 850             | MMF        | OM4                             | 50 μm / 125 μm   | Aqua           | 400m              | 10 Gigabit | MS 350 Series<br>MS 410 Series<br>MS 425 Series                           |
| MA-SFP-10GB-LR    | 10GBASE-LR    | 1310            | SMF        | OS1/OS2                         | 9 μm / 125 μm    | Yellow         | 10km              | 10 Gigabit |   |
| MA-SFP-10GB-LRM   | 10GBASE-LRM   | 1310            | MMF        | OM1                             | 62.5 μm / 125 μm | Orange         | 220m              | 10 Gigabit | MS 225 Series   |
| MA-SFP-10GB-LRM   | 10GBASE-LRM   | 1310            | MMF        | OM2                             | 50 μm / 125 μm   | Orange         | 220m <sup>1</sup> | 10 Gigabit | MS 250 Series<br>MS 350 Series<br>MS 410 Series                           |
| MA-SFP-10GB-LRM   | 10GBASE-LRM   | 1310            | MMF        | OM3                             | 50 μm / 125 μm   | Aqua           | 220m              | 10 Gigabit | MS 425 Series   |
| MA-SFP-10GB-LRM   | 10GBASE-LRM   | 1310            | SMF        | OS1/OS2                         | 9 μm / 125 μm    | Yellow         | 300m              | 10 Gigabit | MX 250/450/400/600<br>MS 225/250 Series<br>MS 350 Series<br>MS 400 Series |

<sup>1</sup>Modal bandwidth at 500MHz/km

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| MA-QSFP-40G-SR4   | QSFP - MPO12     | 850nm           | MMF        | OM2, OM3, OM4     | 50 µm                | Aqua         | 30m, 100m, 150m | 40 Gigabit | MS 425 Series |
| MA-QSFP-40G-LR4   | QSFP - LC        | 1310nm          | SMF        | OS1, OS2          | G.652                | Yellow       | 10Km            | 40 Gigabit | MS 425 Series |
| MA-QSFP-40G-CSR4  | QSFP - MPO12     | 850nm           | MMF        | OM2, OM3, OM4     | 50 µm                | Aqua         | 82m, 300m, 400m | 40 Gigabit | MS 425 Series |
| MA-QSFP-40G-SR-BD | QSFP - Duplex LC | 832-918nm       | MMF        | OM2, OM3, OM4     | 50 µm                | Aqua         | 30m, 100m, 150m | 40 Gigabit | MS 425 Series |

## Direct Attach

| Meraki Product ID | Standard  | Cable Length | Assembly Type  | Data Rate  | Compatibility  |
|-------------------|-----------|--------------|----------------|------------|--|
| MA-CBL-TA-1M      | 10GSFP+Cu | 1m           | Passive Twinax | 10 Gigabit | MX 250/450<br>MS 225 Series                                      |
| MA-CBL-TA-3M      | 10GSFP+Cu | 3m           | Passive Twinax | 10 Gigabit | MS 250 Series<br>MS 350 Series<br>MS 410 Series<br>MS 425 Series |

## Stacking Cables

| Meraki Product ID | Standard   | Cable length | Assembly type                       | Data Rate  | Compatibility                  |
|-------------------|------------|--------------|-------------------------------------|------------|--------------------------------|
| MA-CBL-40G-50CM   | 40GQSFP+Cu | 50cm         | QSFP+ passive Twinax cable assembly | 40 Gigabit | MS 210 Series<br>MS 225 Series |
| MA-CBL-40G-1M     | 40GQSFP+Cu | 1m           | QSFP+ passive Twinax cable assembly | 40 Gigabit | MS 250 Series<br>MS 350 Series |
| MA-CBL-40G-3M     | 40GQSFP+Cu | 3m           | QSFP+ passive Twinax cable assembly | 40 Gigabit | MS 410 Series<br>MS 425 Series |