

# 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    | MX84/ MX100<br>MX250/ MX400   |
| MA-SFP-1GB-SX     | 1000BASE-SX   | 850             | MMF        | OM3                             | 50 μm / 125 μm   | Aqua           | 550m              | Gigabit    | MX450/ MX600<br>MS120 Series<br>MS210 Series                                  |
| MA-SFP-1GB-SX     | 1000BASE-SX   | 850             | MMF        | OM4                             | 50 μm / 125 μm   | Aqua           | 1km               | Gigabit    | MS225 Series<br>MS250 Series  |
| MA-SFP-1GB-LX10   | 1000BASE-LX10 | 1310            | SMF        | OS1/OS2                         | 9 μm / 125 μm    | Yellow         | 10km              | Gigabit    | MS350 Series<br>MS355 Series  |
| MA-SFP-1GB-LX10   | 1000BASE-LX10 | 1310            | MMF        | with LC mode-conditioning cable |                  | Yellow/ Orange | 550m              | Gigabit    | MS410 Series<br>MS425 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 | MX250/ MX400  |
| MA-SFP-10GB-SR    | 10GBASE-SR    | 850             | MMF        | OM2                             | 50 μm / 125 μm   | Orange         | 82m               | 10 Gigabit | MX450/ MX600<br>MS225 Series  |
| MA-SFP-10GB-SR    | 10GBASE-SR    | 850             | MMF        | OM3                             | 50 μm / 125 μm   | Aqua           | 300m              | 10 Gigabit | MS250 Series<br>MS350 Series  |
| MA-SFP-10GB-SR    | 10GBASE-SR    | 850             | MMF        | OM4                             | 50 μm / 125 μm   | Aqua           | 400m              | 10 Gigabit | MS355 Series<br>MS410 Series  |
| MA-SFP-10GB-LR    | 10GBASE-LR    | 1310            | SMF        | OS1/OS2                         | 9 μm / 125 μm    | Yellow         | 10km              | 10 Gigabit | MS425 Series  |
| MA-SFP-10GB-LRM   | 10GBASE-LRM   | 1310            | MMF        | OM1                             | 62.5 μm / 125 μm | Orange         | 220m              | 10 Gigabit | MS225 Series<br>MS250 Series  |
| MA-SFP-10GB-LRM   | 10GBASE-LRM   | 1310            | MMF        | OM2                             | 50 μm / 125 μm   | Orange         | 220m <sup>1</sup> | 10 Gigabit | MS350 Series<br>MS355 Series  |
| MA-SFP-10GB-LRM   | 10GBASE-LRM   | 1310            | MMF        | OM3                             | 50 μm / 125 μm   | Aqua           | 220m              | 10 Gigabit | MS410 Series<br>MS425 Series  |
| MA-SFP-10GB-LRM   | 10GBASE-LRM   | 1310            | SMF        | OS1/OS2                         | 9 μm / 125 μm    | Yellow         | 300m              | 10 Gigabit | MX250/450/400/600<br>MS225/250 Series<br>MS350/355 Series<br>MS410/425 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  | MS355 Series<br>MS425 Series<br>MS450 |
| MA-QSFP-40G-LR4   | QSFP - LC        | 1310nm          | SMF        | OS1, OS2          | G.652                | Yellow       | 10Km            | 40 Gigabit  | MS355 Series<br>MS425 Series<br>MS450 |
| MA-QSFP-40G-CSR4  | QSFP - MPO12     | 850nm           | MMF        | OM2, OM3, OM4     | 50 µm                | Aqua         | 82m, 300m, 400m | 40 Gigabit  | MS355 Series<br>MS425 Series<br>MS450 |
| MA-QSFP-40G-SR-BD | QSFP - Duplex LC | 832-918nm       | MMF        | OM2, OM3, OM4     | 50 µm                | Aqua         | 30m, 100m, 150m | 40 Gigabit  | MS355 Series<br>MS425 Series<br>MS450 |
| MA-QSFP-100G-SR4  | QSFP - MPO       | 850nm           | MMF        | OM3, OM4          | 50 µm                | Beige        | 70m, 100m       | 100 Gigabit | MS450                                 |

## Direct Attach

| Meraki Product ID | Standard  | Cable Length | Assembly Type  | Data Rate  | Compatibility                        |
|-------------------|-----------|--------------|----------------|------------|--------------------------------------|
| MA-CBL-TA-1M      | 10GSFP+Cu | 1m           | Passive Twinax | 10 Gigabit | MX250/450<br>MS225/250 Series        |
| MA-CBL-TA-3M      | 10GSFP+Cu | 3m           | Passive Twinax | 10 Gigabit | MS350/355 Series<br>MS410/425 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  | MS210 Series<br>MS225 Series |
| MA-CBL-40G-1M     | 40GQSFP+Cu | 1m           | QSFP+ passive Twinax cable assembly  | 40 Gigabit  | MS250 Series<br>MS350 Series |
| MA-CBL-40G-3M     | 40GQSFP+Cu | 3m           | QSFP+ passive Twinax cable assembly  | 40 Gigabit  | MS410 Series<br>MS425 Series |
| MA-CBL-100G-50CM  | 100GQSFP28 | 50cm         | QSFP28 passive Twinax cable assembly | 100 Gigabit | MS355 and MS450 Models       |
| MA-CBL-100G-1M    | 100GQSFP28 | 1m           | QSFP28 passive Twinax cable assembly | 100 Gigabit | MS355 and MS450 Models       |
| MA-CBL-100G-3M    | 100GQSFP28 | 3m           | QSFP28 passive Twinax cable assembly | 100 Gigabit | MS355 and MS450 Models       |