

SFP and Stacking Accessories

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Note regarding switches series

If not specified otherwise, all switches below under "Compatibility" columns, includes any model within the series, i.e., MS120 on the table represents:

- MS120-24-HW, MS120-24P-HW, MS120-48-HW, MS120-48LP-HW and MS120-48FP-HW.

Fiber Transceivers

Meraki Product ID	Standard	Wavelength (nm)	Fiber Type	Fiber Description	Core / Clad 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	MX75 / MX84 / MX85 / MX95 MX100 / MX105 / MX250 MX400 / MX450 / MX600
MA-SFP-1GB-SX	1000BASE-SX	850	MMF	OM3	50 µm / 125 µm	Aqua	550m	Gigabit	
MA-SFP-1GB-SX	1000BASE-SX	850	MMF	OM4	50 µm / 125 µm	Aqua	1km	Gigabit	
MA-SFP-1GB-LX10	1000BASE-LX10	1310	SMF	OS1/OS2	9 µm / 125 µm	Yellow	10km	Gigabit	
MA-SFP-1GB-LX10	1000BASE-LX10	1310	MMF	with LC modeconditioning cable	N/A	Yellow / Orange	550m	Gigabit	MS120 / MS125 MS210 / MS225 / MS250 MS350 / MS355 / MS390 MS410 / MS425
MA-SFP-1GB-TX	1000BASE-T	N/A	N/A	N/A	N/A	N/A	100m	Gigabit	All MXes All MSes, except MS390
MA-SFP-10GB-SR	10GBASE-SR	850	MMF	OM1	62.5 µm / 125 µm	Orange	26m	10 Gigabit	MX95 / MX105 MX250 / MX400 MX450 / MX600
MA-SFP-10GB-SR	10GBASE-SR	850	MMF	OM2	50 µm / 125 µm	Orange	82m	10 Gigabit	
MA-SFP-10GB-SR	10GBASE-SR	850	MMF	OM3	50 µm / 125 µm	Aqua	300m	10 Gigabit	
MA-SFP-10GB-SR	10GBASE-SR	850	MMF	OM4	50 µm / 125 µm	Aqua	400m	10 Gigabit	
MA-SFP-10GB-LR	10GBASE-LR	1310	SMF	OS1/OS2	9 µm / 125 µm	Yellow	10km	10 Gigabit	MS125 MS225 / MS250 MS350 / MS355 / MS390 MS410 / MS425
MA-SFP-10GB-LRM	10GBASE-LRM	1310	MMF	OM1	62.5 µm / 125 µm	Orange	220m	10 Gigabit	MS225 / MS250 MS350 / MS355 / MS390 MS410 / MS425
MA-SFP-10GB-LRM	10GBASE-LRM	1310	MMF	OM2	50 µm / 125 µm	Orange	220m *	10 Gigabit	
MA-SFP-10GB-LRM	10GBASE-LRM	1310	MMF	OM3	50 µm / 125 µm	Aqua	220m	10 Gigabit	
MA-SFP-10GB-LRM	10GBASE-LRM	1310	SMF	OS1/OS2	9 µm / 125 µm	Yellow	300m	10 Gigabit	MX95 / MX105 / MX250 MX400 / MX450 / MX600 MS225 / MS250 MS350 / MS355 / MS390 MS410 / MS425
MA-SFP-10GB-ER **	10GBASE-ER	1550	SMF	OS1/OS2	9 µm / 125 µm	Yellow	40km	10 Gigabit	MX95 / MX105 MX250 / MX450 MS225 / MS250 MS350 / MS355 / MS390 MS410 / MS425
MA-SFP-10GB-ZR	10GBASE-ZR	1550	SMF	OS1/OS2	9 µm / 125 µm	Yellow	80km	10 Gigabit	MX95 / MX105 MX250 / MX450 MS225 / MS250 MS350 / MS355 MS410 / MS425
MA-QSFP-40G-SR4	QSFP - MPO12	850	MMF	OM2, OM3, OM4	50 µm / -	Aqua	30m, 100m, 150m	40 Gigabit	MS355 / MS390 MS425 / MS450
MA-QSFP-40G-LR4	QSFP - LC	1310	SMF	OS1, OS2	G.652 / -	Yellow	10Km	40 Gigabit	MS355 / MS390 MS425 / MS450

MA-QSFP-40G-SR-BD	QSFP - Duplex LC	832-918	MMF	OM2, OM3, OM4	50 µm / -	Aqua	30m, 100m, 150m	40 Gigabit	MS355 / MS390 MS425 / MS450
MA-QSFP-100G-LR4	100GBASE-LR4	1295, 1300, 1304, 1309	SMF	OS1, OS2	G.652 / -	Yellow	10KM	100 Gigabit	MS450
MA-QSFP-100G-SR4	100GBASE-SR4	850	MMF	OM3, OM4/OM5	50 µm / -	Aqua	70m, 100m	100 Gigabit	MS450

* Modal bandwidth at 500MHz/km

** Please refer to the MS125 specifications for additional compatibility data [here](#).

Direct Attach

Meraki Product ID	Standard	Cable Length	Assembly Type	Data Rate	Compatibility
MA-CBL-TA-1M	10GSFP+Cu	1m	Passive Twinax	10 Gigabit	MX95 / MX105 MX250 / MX450
MA-CBL-TA-3M	10GSFP+Cu	3m	Passive Twinax	10 Gigabit	MS125 / MS225 / MS250 MS350 / MS355 / MS390 MS410 / MS425

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 / MS225 / MS250 MS350 MS410 / MS425
MA-CBL-40G-1M	40GQSFP+Cu	1m	QSFP+ passive Twinax cable assembly	40 Gigabit	
MA-CBL-40G-3M	40GQSFP+Cu	3m	QSFP+ passive Twinax cable assembly	40 Gigabit	
MA-CBL-100G-50CM	100GQSFP28	50cm	QSFP28 passive Twinax cable assembly	100 Gigabit	MS355 / MS450
MA-CBL-100G-1M	100GQSFP28	1m	QSFP28 passive Twinax cable assembly	100 Gigabit	
MA-CBL-100G-3M	100GQSFP28	3m	QSFP28 passive Twinax cable assembly	100 Gigabit	
MA-CBL-120G-50CM	N/A	50cm	Cisco Meraki 120G stack cable	120 Gigabit	MS390
MA-CBL-120G-1M	N/A	1m	Cisco Meraki 120G stack cable	120 Gigabit	
MA-CBL-120G-3M	N/A	3m	Cisco Meraki 120G stack cable	120 Gigabit	

StackPower Cables

Meraki Product ID	Cable Length	Compatibility
MA-CBL-SPWR-30CM	30cm	MS390
MA-CBL-SPWR-150CM	1.5m	

Uplink Modules

Meraki Product ID	Cable Length	Compatibility
MA-MOD-8x10G	8-port 1/10G SFP+ Uplink module	MS390
MA-MOD-4x10G	4-port 1/10G SFP+ Uplink module	
MA-MOD-2x40G	2-port 40G QSFP+ Uplink module	

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