

PTP 820 Fiber

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Cambium Networks™

Fiber

- SFP
- Y cables
- Cable management
- Maximum cable lengths
- License keys
- 2+0
- 1+1

SFP: Small Form-factor Pluggable transceiver

- https://en.wikipedia.org/wiki/Small_form-factor_pluggable_transceiver

type	fiber	wavelength, λ	maximum distance	speed
SX	multi-mode	850 nm	550 m	1.25 Gbps
LX	single-mode	1310 nm	10 km	2.5 Gbps

- SFP+
 - Enhanced version of SFP
 - Up to 16 Gbps
 - PTP 820 does not support (yet)
- NOTE: PTP 820 SFP ports are GbE ports
 - PTP 820 SFP ports do not support traffic > 1 Gbps (yet)

LINKPlanner equips BOM with single-mode fiber!

Part Number	Description	Comments
N000082L014	PTP 820 Glands_x5_KIT	The Glands_x5_KIT has five glands that are used for outdoor Ethernet or Fiber cable.
N000082L059	PTP 820 SFP Optical 1000Base-LX,EXT TEMP	These are the SFPs needed for Cambium Networks' optical cable below. (LX is Single Mode.)
N000082L139	PTP 820 Optical CABLE,SM, 30m	outdoor Fiber cable.
N000082L140	PTP 820 Optical CABLE,SM, 50m	outdoor Fiber cable.
N000082L141	PTP 820 Optical CABLE,SM, 80m	outdoor Fiber cable.
N000082L142	PTP 820 Optical CABLE,SM, 100m	outdoor Fiber cable.
N000082L143	PTP 820 Optical CABLE,SM, 150m	outdoor Fiber cable.
N000082L147	PTP 820 Fiber Adapter	The fiber adapter allows you to connect one fiber optic cable to another. (It has four LC connector ports--Tx/Rx for one cable, and Tx/Rx for the other cable.)

NOTE: You may need to order Fiber Adapters to connect your cables!

Additional Fiber parts...

Part Number	Description	Comments
N000082L042	PTP 820 Act.Key - GE port, per additional port	This key is NOT required if you're using only one data connection and it's fiber. (You can still use ETH1 for PoE, and you can still use the MGT port.)
N000082L072	PTP 820 SFP Optical 1000Base-SX,EXT TEMP	This is a multi-mode SFP module, in case you're planning to use multi-mode fiber.
N000082L117	PTP 820 SFP Electric Int 1000Base-T,EXT TEMP	SFP module for Copper Ethernet.
N000082L146	PTP 820 Fiber 1+1 Splitter, SM	1+1 splitter cable used inside the shack. Note that this comes with two LX SFP modules--you'll need a third!
N000082L135	PTP 820 Outdoor Fiber Distribution closure Splitter with LC SM Connectors	For outdoor single-mode fiber Y installations.
N000082L134	PTP 820 Outdoor Fiber Distribution closure Splitter with LC MM Connectors	For outdoor multi-mode fiber Y installations.
N000082L063	PTP 820C,CABLE,SFP,4x4MIMO_DATA_SHARING_KIT_10M	MIMO cable and SFP modules for MIMO.

PTP 820S, 1+0, with Fiber and external DC

Part Number	Description	Quantity	Notes
N110082D072	PTP 820 2' ANT,SP,11GHz,RFU-C TYPE&Std UBR100 - Andrew	2	Available in all regions
C110082B015	PTP 820S Radio 11WGHz,TR500,Ch1W6,Hi,11185-11485MHz	1	Please select a TX frequency
C110082B016	PTP 820S Radio 11WGHz,TR500,Ch1W6,Lo,10695-10955MHz	1	Please select a TX frequency
N000082L033	PTP 820S Act.Key - Capacity 500M with ACM Enabled, per Tx Chan	2	
N000082L014	PTP 820 Glands_x5_KIT	2	
N000082L016	PTP 820 CAT5E Outdoor 100m drum	2	
N000082L017	PTP 820 Grounding Kit for CAT5e F/UTP 8mm cable	4	Add 2 additional kits per PoE Injector that is installed outdoors
N000082L065	PTP 820 DC Connector	2	
N000082L018	PTP 820 Outdoor_DC_cbl_2x12AWG_drum	1	Cable length = 305m
N000082L072	PTP 820 SFP Optical 1000Base-SX,EXT TEMP	2	
N000082L073	PTP 820 GBE_Connector_kit	2	
N000082L116	PTP 820 GROUND CABLE FOR IDU and ODU	2	
N000082L139	PTP 820 Optical CABLE,SM, 30m	2	
N000082L147	PTP 820 Fiber Adapter	2	
C000000L033	Gigabit Surge Suppressor (56V)	2	
N000065L001	PTP 650 AC Power Injector	2	
N000065L003	US Line Cord Fig 8	2	
	New Extra		
	remove from BOM		