Choosing the right FL-USA 200 model for your next project:

FL-USA 200 Series for Ethernet LAN extension

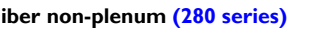☑ **Fiber is EMI Safe, reliable, fast and inexpensive.**

☑ **No Configuration needed- True plug-and-play.**

☑ **Eight diagnostic LEDS for clear status indications.**

(note: Chassis color of the FL-USA 200 series product varies by type)

Relative cost of fiber cabling by type of fiber :

MM non-plenum (FLUSA 212 series)	**$168.00** *100 Meters*
	+ 1.41 per additional meter.
MM plenum rated (FLUSA 212 series)	**$260.00** *100 Meters*
	+ 2.44 per additional meter.
SM Dual Fiber non-plenum (214 series)	**$140.00** *100 Meters*
	+ 1.02 per additional meter.
SM Dual Fiber plenum rated (214 series)	**$168.00** *100 Meters*
	+ 1.50 per additional meter.
SM Single Fiber non-plenum (280 series)	**$90.00** *100 Meters*
	+ .65 per additional meter.
SM Single Fiber plenum rated (280 series)	**$145.00** *100 Meters*
	+ 1.22 per additional meter.

Note: Plenum-rated cables are built using a jacketing that is fire-rated for installation in the airspaces (plenums) of buildings. Fire code requires that cables installed in open airflow spaces be plenum-rated so as not to produce toxic fumes in the event of a fire. If the cable is to placed inside a fire-rated conduit, plenum jacketing is typically not required.

www.FreelineUSA.com

☑ **FL-USA 212**   *Budgetary Pricing— 10/100 MBPS Full/Half Duplex*   **FL-USA 212**

$ 265 each unit (x2) + cost of multi-mode fiber

☑ **Two Multi-mode Poly Fibers**
☑ **Full Duplex- 1310 nm each direction**
☑ **Maximum Length is 2 KM**
☑ **SC Fiber Connector Types**

FL-USA 212

Great for use within a building, or intra-campus. Low cost, easy to install, dual strands of multi-mode fiber. Maximum distance is 2 KM, or 1.2 cable miles.

☑ **FL-USA 214**   *Budgetary Pricing— 10/100 MBPS Full/Half Duplex*   **FL-USA 214**

$ 335 each unit (x2) + cost of Single Mode fiber

☑ **Two Single-mode Glass Fibers**
☑ **Full Duplex- 1310 nm each direction**
☑ **Maximum Length is 20 KM (12+ miles)**
☑ **SC Fiber Connector Types**

FL-USA 214

Great for use within a campus, or inter-building. Moderate cost, dual strands of single-mode fiber. Maximum distance is 20 KM, or 12 cable miles.

☑ **FL-USA 280**   *Budgetary Pricing— 10/100 MBPS Full/Half Duplex*   **FL-USA 283**
Per unit Cost of $480   Per Unit Cost of $485

$ 485 each unit (x2) + cost of Single strand of SM fiber

☑ **ONE Single-mode Glass Fiber— Full Duplex**
☑ **1310 nm and 1550 nm, CWDM in same fiber**
☑ **Maximum Length is 20 KM (12+ miles)**
☑ **SC Fiber Connector Type**
☑ **CWDM— Course Wave Division Mux. !**

FLUSA 280 & 283   Course Wave Division Multiplexed. 1310 nm /1550 nm

Great for use within a campus, or inter-building. Low cost, single strand of single-mode fiber. Cut your cabling costs in half! Maximum distance is 20 KM, or 12 cable miles.

FreelineUSA, Inc.
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