



# PONy Express™ 16

Universal Transport Platform for Access Networks



The PO Ny (Passive Optical Network over wavelengths) Express 16 is the first transport platform to use a Passive Optical Network (PON) architecture to break the access bottleneck. Using Dense Wave Division Multiplexing (DWDM), the PO Ny Express 16 provides cost-effective access to business parks, campuses, and multi-dwelling unit/multi-tenant units over a shared network infrastructure without sacrificing security or limiting bandwidth. Up to 16 customers can be simultaneously connected with each having up to 1Gbps dedicated, symmetrical bandwidth. Operationally, each Optical Network Terminal (ONT) is "colorless" which eliminates the sparing issue that plagues traditional DWDM systems and provides "plug-n-play" system provisioning. The PO Ny Express 16 is integrated into other ADC products such as the OmniReach® FTTX Fiber Distribution Hub FDH3000S providing a compelling solution unique to the industry.

## Ordering Information

Description		Catalog Number*
<b>OLT Shelf and Common Equipment</b>	19" Rack Mountable Chassis for Optical Line Terminating Equipment	PNY16-OLT Shelf
	Software license for OLT (1 PNYr OLT)	PNY16-OLT SW
	Main Control Unit (MCU)	PNY16-MCU
	Broadband Lightsource and Upstream AWG Mux/Demux	PNY16-BMU
	Variable speed fan unit containing 3 fans	PNY16-OLT Fan
	-48VDC Power Supply Unit	PNY16-PSU
<b>OM Shelf and Module</b>	Chassis	PNY16-OM Shelf
	Module	PNY16-1310-OM
<b>CO Line Cards</b>	1.25 Gbps Ethernet Line Card for OLT	PNY16-OCU-1250
	125 Mbps Ethernet Line Card for OLT	PNY16-OCU-125
<b>Subscriber Equipment</b>	1.25Gbps Ethernet Subscriber Unit	PNY16-ONT-1250
	125Mbps Ethernet Subscriber Unit	PNY16-ONT-125
<b>Remote Equipment</b>	Downstream AWG Mux/Demux	PNY16-RN

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