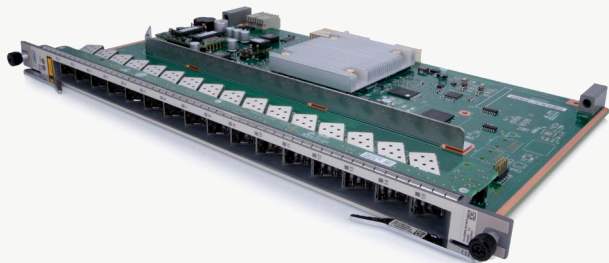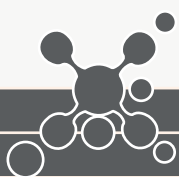PASSIVE OPTICAL NETWORKS

OLT GPON GPFD 16xGPON CARD
GPFD-16GPON

OLT GPON GPFD 16xGPON Card - High quality, GPON interface card dedicated to Optical Line Terminals. Card works together with the optical network terminals (ONT) to provide GPON access services. Each GPFD can maximum connect 16*128 GPON subscribers.

FEATURES

• 16-GPON Port Interface Card

• Support split ration 1:128

• WDM, use single mode single core fibre

• Transmit Speed: 2.488Gbit/s, Receive Speed: 1.244Gbit/s

• Optical Connector Type: SC/PC

• Max. Transmit Distance: 20KM

• Transmit Wavelength: 1490nm, Receive Wavelength: 1310nm

• Standards Compliance: ITU-T G.984.1, ITU-T G.984.2, ITU-T G.984.3, ITU-T G.984.4

CARD SPECIFICATION	
Model	GPFD
Port	16-GPON Port
Maximum Frame Size	2004 bytes
Operating temperature [°C]	-25 to +65
Dimensions (W x D x H) [mm]	22.9 x 237.0 x 395.4
SFP Module Specification	
Type	CLASS B+/C+/C++ Module (One-fibre bi-directional optical module)
Pluggable Module	SFP
Operating Wavelength [nm]	TX: 1490, RX: 1310
Port Rate	TX: 2.49 Gbit/s, RX: 1.24 Gbit/s
Optical Connector Type	SC/PC
Optical Fiber Type	SINGLE MODE
Reach [km]	20.0
Minimum Output Optical Power B+/C+/C++ [dB]	1.5/3.0/6.0
Maximum Output Optical Power B+/C+/C++ [dB]	5.0/7.0/10.0
Maximum Receiver Sensitivity B+/C+/C++ [dBm]	-28.0/-32.0/-35.0
Overload Optical Power B+/C+/C++ [dBm]	-8.0/-12.0/-15.0

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