

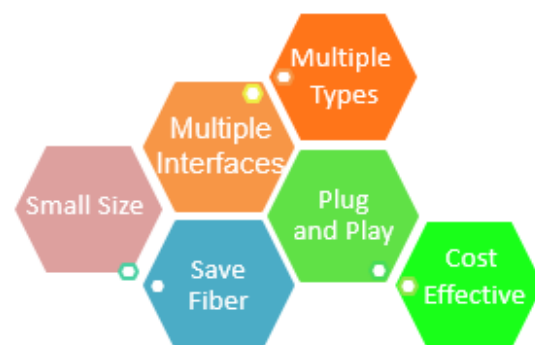
iTN8607 Compact OTN Devices

The iTN8607 OTN series are 1U high compact OTN devices that can support multiple device types and multiplex a variety of low-speed service signals to OTU1 / 2. The iTN8607 series support standard OTN interfaces and have an ODUk cross-connect function. The carrier-grade devices come with power supply redundancy options including dual AC, dual DC or AC + DC. They are plug and play, easy to install and easy to maintain. The high-speed and full-featured yet compact devices are perfect for Data Center Interconnection, OTN leased line and other applications.



Features

- Multi-channel low-speed service signal to OTU1 / 2 interface multiplexing and transparent transmission
- OTU1 / 2 interface OCh 1 + 1 or 1: 1 protection, ODUk SNC 1 + 1 or 1: 1 protection
- OTN GCC in-band management channel
- Standard FEC function
- Interface loopback and ODUk cross connect loopback
- Power supply redundancy, dual AC, dual DC or AC + DC mode
- Device management via NView;



Typical Application

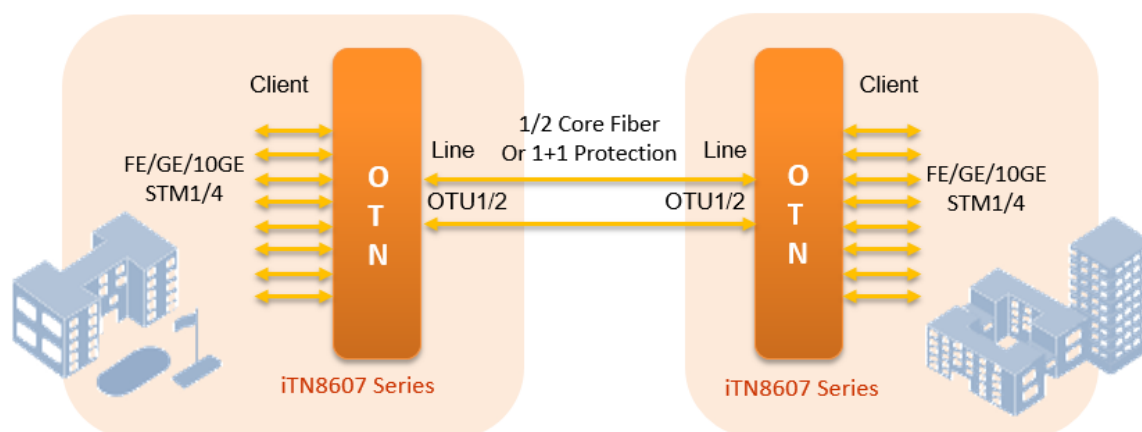


Figure 1: DCI Point to Point Application

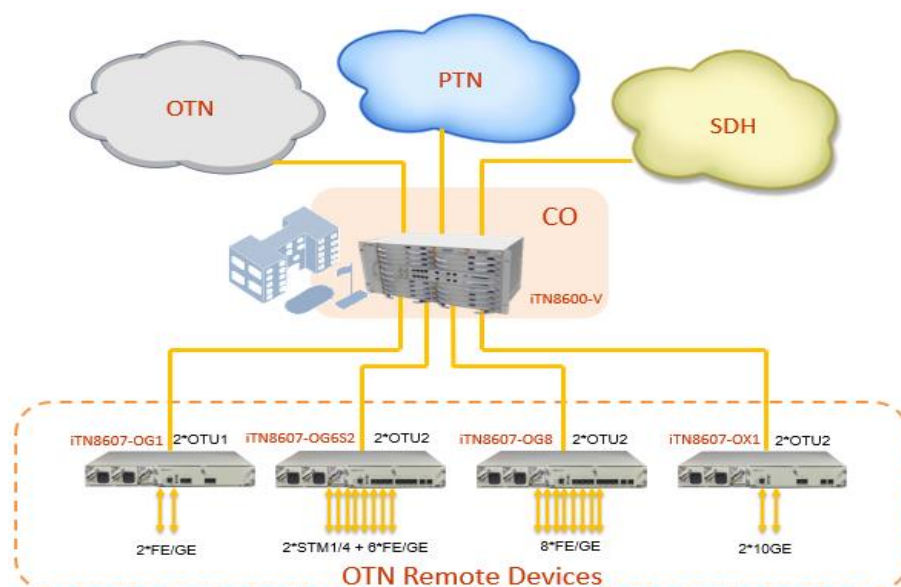


Figure 2: OTN Leased Line Application

Parameters

Items	iTN8607-OG8	iTN8607-OG6S2	iTN8607-OG1	iTN8607-OX2
Client side interface	8*GE/FE	6*GE/FE + 2*STM-1/4	2*GE/FE	2*10GE
Line side interface	2*OTU2	2*OTU2	2*OTU1	2*OTU2
OTN Crossconnect	ODUK Crossconnect			
ESC functions	Support ESC, transmitting monitoring information through the GCC of the service channel and support line-side GCCs.			
FEC function	Support standard FEC.			
Protection	Support OCh 1+1 or 1:1 protection at the line side; Support ODUk SNCP 1+1 or 1:1 protection;			
Loopback	Support interface loopback and ODUk crossconnect loopback;			
Power Supply	Dual-AC , Dual-DC, AC+DC, Single AC ,Single DC			
Operating	-5~ 55°C			

Temperature

Storage temperature	-25~ 65°C
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Working Humidity	10% ~ 90%
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Storage Humidity	5% ~ 95%
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Interface type	LC/UPC
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Chassis	1U,19", 440mm (Width) *266mm (Depth) *44.45mm (Height)
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Ordering Information

iTN8607-OG8	1U,19", compact OTN multiplexing device, client side interface:8*GE/FE, line side interface:2*OTU2, support 1+1 protection; support power supply redundancy: dual AC, dual DC, AC + DC.
iTN8607-OG6S2	1U,19", compact OTN multiplexing device, client side interface 6*GE/FE + 2*STM-1/4, line side interface: 2*OTU2; support 1+1 protection; support power supply redundancy: dual AC, dual DC, AC + DC.
iTN8607-OG1	1U,19", compact OTN multiplexing device, client side interface:2*GE/FE, line side interface:2*OTU1; support 1+1 protection; support power supply redundancy: dual AC, dual DC, AC + DC.
iTN8607-OX2	1U,19", compact OTN multiplexing device, client side interface:2*10GE, line side interface:2*OTU2; support 1+1 protection; support power supply redundancy: dual AC, dual DC, AC + DC.