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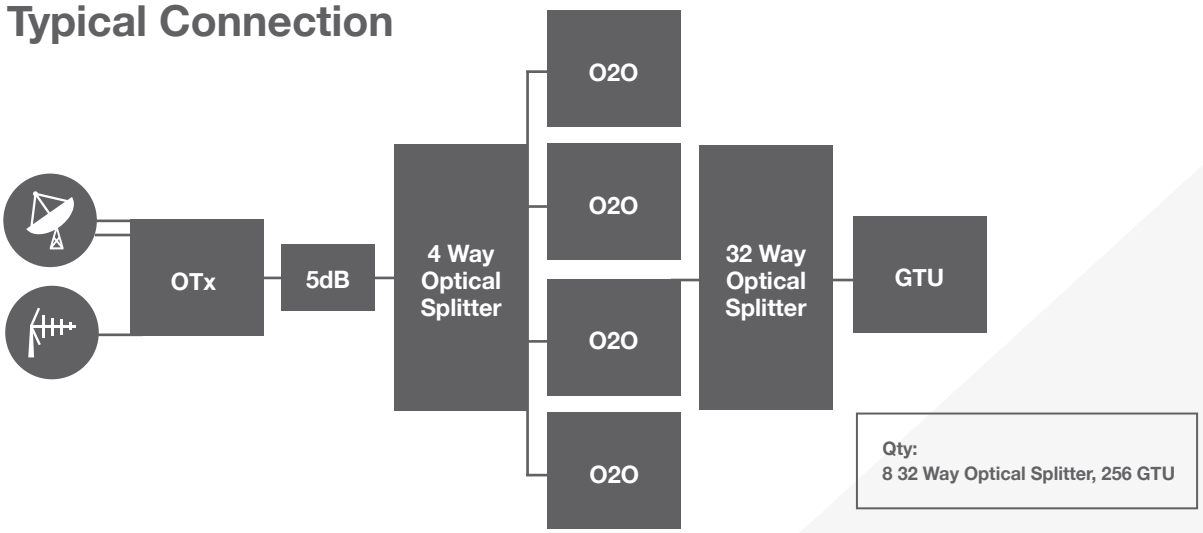
OTx

Introducing the new OTx optical headend from Global Invacom.
Fully compatible with all the current FibreIRS equipment and designed for future compatibility. Replaces the functionality of the optical LNB and ODU32.
Available in 1310nm or 1550nm output wavelengths.

Specifications:

- FibreIRS FC/UPC optical input
- Fully compatible with GI O2O and existing FibreIRS systems
- Wideband input
- Wall or pole mount
- 1310nm or 1550nm versions

Typical Connection





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Technical Specifications:

Product Part number			
OTx	D000410		
OTx 1550	D000435		
Optical			
Optical wavelength (D000410)	1310nm +20		
Optical wavelength (D000435)	1550nm +15		
Optical output power	+7dBm		
Return Loss	20dB		
RF Signal satellite			
Parameter	Min	Max	Notes
Input frequency Wideband (MHz)	290	2340	
Gain variation across band		3dB *	
Gain ripple across 28Mhz	1dB		
Nominal impedance	75Ω		
Input power (dBµV)	70	85	For 40 transponders
* additional variation can occur due to satellite transmitted signal levels.			
RF Signal Terrestrial			
Parameter	Min	Max	Notes
Input frequency (MHz)	88	694	
Gain variation across band	TBC		
Gain ripple across 28Mhz	1dB		
Input power (dBµV)	70		
DC specification			
Input voltage	20V		
Current consumption	350mA Max		Excluding connected devices
Output voltage Vertical and Terrestrial	12V		
Output voltage Horizontal	8V		
Maximum upstream current	500mA		

Dimensions (WxHxD)	
Unit only	TBC
Weight	TBC

Connectors	
Input	3 x F connector
Output	1 x FC/UPC
Power supply	1 x F connector

Environmental Specification	
Operating temperature	-20 C to +60 C
Storage temperature	-40 C to +70 C

Global Invacom will only support systems that are installed using FibreIRS™ approved fibre cabling & system components.

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