

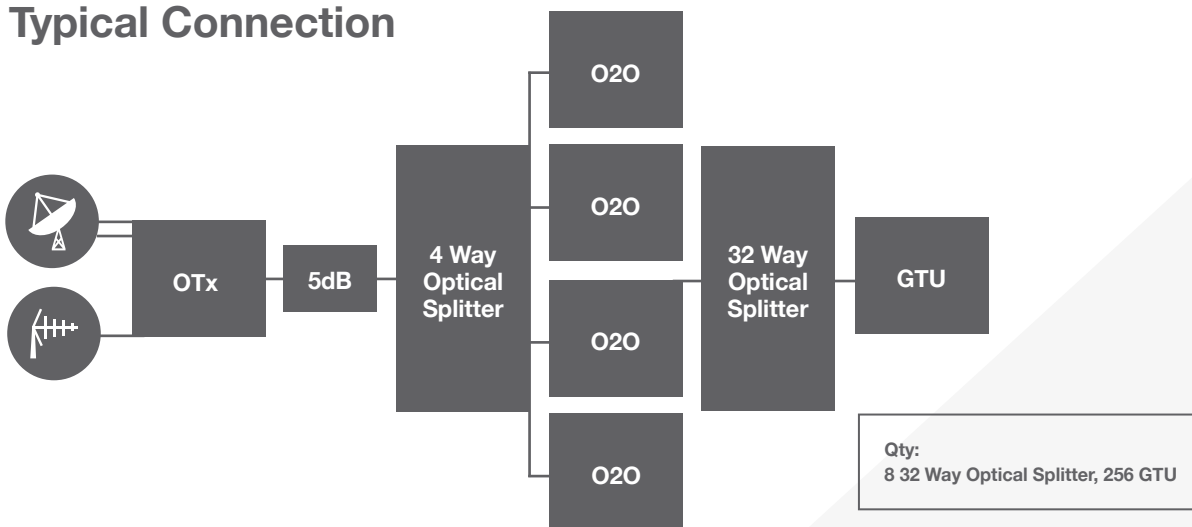
OTx

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



OTx

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)		Connectors		Environmental Specification	
Unit only	TBC	Input	3 x F connector	Operating temperature	-20 C to +60 C
Weight	TBC	Output	1 x FC/UPC	Storage temperature	-40 C to +70 C
		Power supply	1 x F connector		

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