

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



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.

Technical Specifications

Product Part No.

OTx	D000410
OTx 1550	D000435

Optical

Optical wavelength (D000410)	1310nm $\pm$ 20	
Optical wavelength (D000435)	1550nm $\pm$ 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		75 Ω	
Input power (dB μ V)	70	85	For 40 transponders
* additional variation can occur due to satellite transmitted signal levels.			

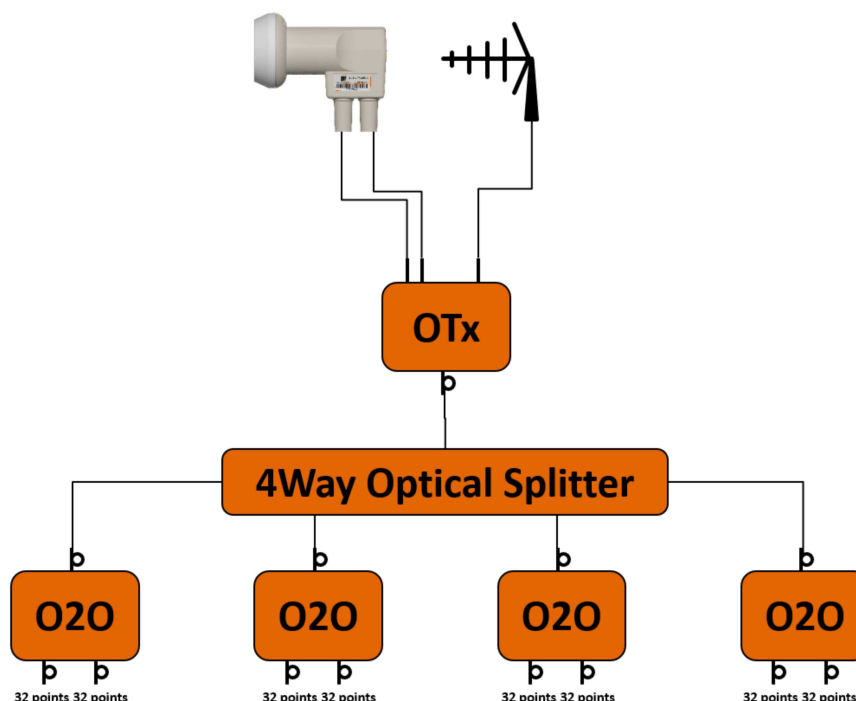
RF Signal Terrestrial			
Parameter	Min	Max	Notes
Input frequency (MHz)	88	694	
Gain variation across band	TBC		
Gain ripple across 28Mhz	1dB		
Input power (dBμV)	70		

DC specification		
Input voltage	20V	
Current consumption	350mA Max	Excluding connected devices
Output voltage Vertical and Terrestrial	12V	
Output voltage Horizontal	18V	
Maximum upstream current	500mA	

Dimensions (W x H x D)	
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**

Note: Specifications subject to change without notice