

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.

Specif cations:

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







Technical Specif cations:

OTx D000410 D000435 Optical Optical Wavelength (D000410) 1310nm +20 D000435 Optical wavelength (D000435) 1550nm +15 D000435 Optical output power Return Loss 20dB RF Signal satellite Parameter Min Max Notes Input frequency Wideband (VHz) 290 2340 3dB * 3dB * <th></th> <th></th> <th></th> <th></th> <th></th>					
OT x 1550 D000435	Product Part number				
Optical wavelength (DCO0410) 1310nm +20 Optical wavelength (DCO0435) 1550nm +15 Optical wavelength (DCO0435) 1550nm +15 Optical output power +7dBm Return Loss 20dB RF Signal satellite Parameter Min Max Notes Input frequency Wideband (VHz) 290 2340 Gain variation across band 3dB * Gain ripple across 28Vhz 1dB Nominal impedance 75Ω Input power (dBμV) 70 85 For 40 transponders * additional variation across band 694 Gain variation across band 7BC Gain variation across band 7BC Gain variation across band 88 694 Gain variation across band 7BC Gain ripple across 28Vhz 1dB Input power (dBμV) 70 DC specif cation Input voltage 20V Current consumption 350mA Max Excluding connected devices Output voltage Vertical and Terrestrial 12V Output voltage Horizontal 8V	ОТх	D000410			
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DC specif cation Input voltage 20V Current consumption 350mA Max Excluding connected devices Output voltage Vertical and Terrestrial 12V Output voltage Horizontal 8V	Gain ripple across 28Mhz		1dB		
Input voltage 20V Current consumption 350mA Max Excluding connected devices Output voltage Vertical and Terrestrial 12V Output voltage Horizontal 8V	Input power (dBµV)		70		
Current consumption 350mA Max Excluding connected devices Output voltage Vertical and Terrestrial 12V Output voltage Horizontal 8V	DC specif cation				
Output voltage Vertical and Terrestrial 12V Output voltage Horizontal 8V	Input voltage	20V			
Output voltage Horizontal 8V	Current consumption	350mA Max			Excluding connected devices
	Output voltage Vertical and Terrestrial	12V			
Maximum upstream current 500mA	Output voltage Horizontal	8V			
	Maximum upstream current	500mA			

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