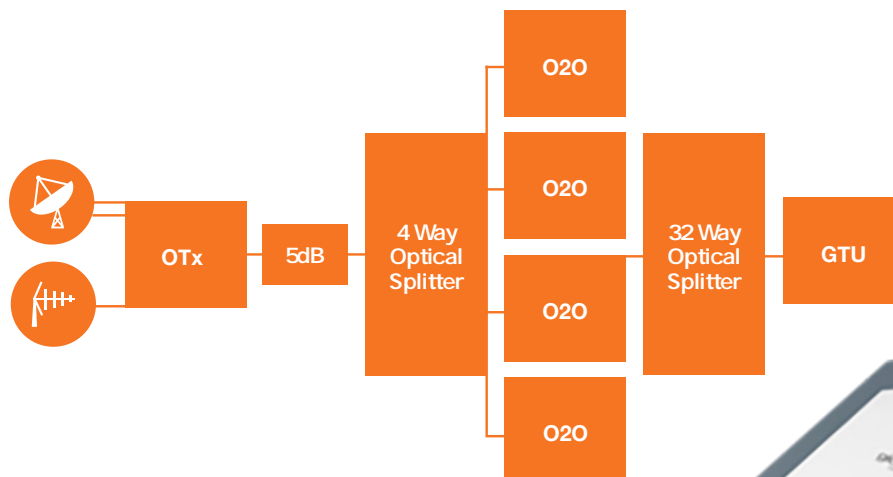


OTx

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



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 | | |

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