

# GI FibreMDU

## Optical Output LNB



**global invacom**  
completing the picture



- Converts all 4 Universal IF bands to a single optical output (H/H - H/L - V/H - V/L = Single Optical Output)
- Capable of supplying all converted signals to 32 distribution points spread over a 10 kilometre radius
- 40mm Feed Horn or C120 Flange versions available

The **GI FibreMDU** Optical Output LNB radically changes how satellite IF signals are dealt with compared with conventional Universal LNBs.

This innovative new design uses patented technology to frequency stack both horizontal and vertical polarities, creating a single IF frequency range of 950MHz - 5.45GHz. The newly created single band is then frequency modulated optically and output using a 1310nm laser internal to the Optical Output LNB.

Powered separately the Optical LNB takes the required <450mA from a standard 12v supply utilising a standard female F type connector.

Fibre connection is made via a standard FC/PC connector feeding the passive distribution network on single mode fibre optic cable.

With an optical output of +/- 6.5 dBm the **GI FibreMDU** Optical Output LNB is easily capable of driving up to 32 **GI FibreMDU** converters (see **GI FibreMDU** specification sheet) located within a 10km radius.

