



*Dual band repeater for E-GSM and UMTS*

In the downlink the signal from the OMU enters the fibre optic converter in the repeater that translates the optical signal to RF. The signal is fed to the Radio Modules. The signals are amplified in the Radio Modules and further in the separate MCPAs. It is then fed to the combined duplex filter and out on the server port to the antenna.

In the uplink the signal is amplified in the Radio Modules and translated to an optical signal and fed back to the OMU.

A tri band repeater works in a corresponding way.