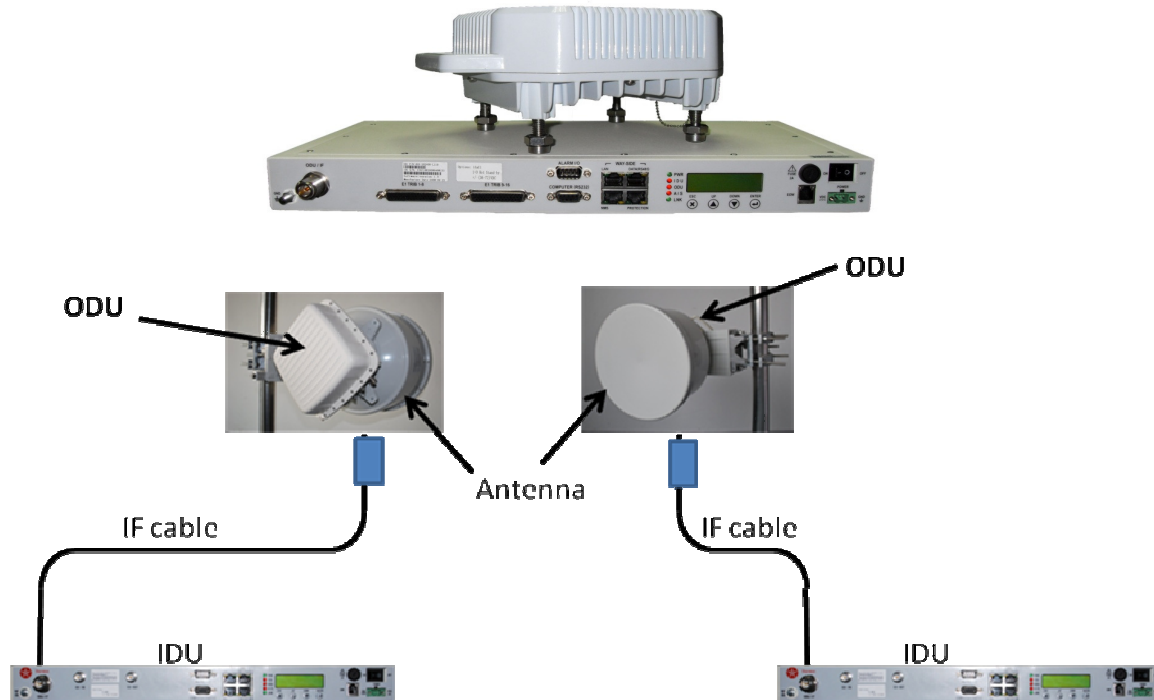


WSMN 10G TV Link System

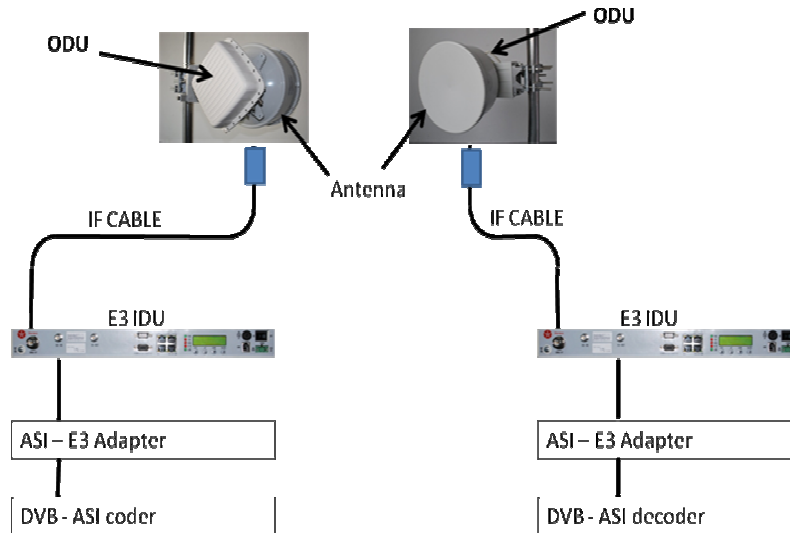


WSMN 10G microwave system is point to point digital microwave radio system which use 10.7G microwave band.

MAIN FEATURE:

- ASI input/output with bit rate up to 48Mbits
- Optional analog or digital video/audio inputs and outputs
- Version with up to four video/dual audio high performance MPEG-2 encoder and decoders
- Fully agile(with 100KZ synthesizer step) in the entire frequency band
- Tripod mounted version
- Standard 78cm diameter offset parabolic antennas

DVB TV transmission



Features of WSMN 10G TV link system

| | |
|----------------------|----------------------------------|
| Frequency band | 10.2~10.7 GHz |
| Data interface | ASI |
| Modulation | QPSK |
| FEC | cascaded RS and convolution code |
| Bandwidth of channel | 28M HZ($f_0 \pm 14M$ HZ) |

Central frequency of channels

| CH No | Central f(MHz) | CH No | Central f(MHz) |
|-------|----------------|-------|----------------|
| 1 | 10223 | 1' | 10509 |
| 2 | 10251 | 2' | 10537 |
| 3 | 10279 | 3' | 10565 |
| 4 | 10307 | 4' | 10593 |
| 5 | 10335 | 5' | 10621 |
| 6 | 10363 | 6' | 10649 |
| 7 | 10391 | 7' | 10677 |