

## LAN Extender - EFM

EFM-10 / EFM-20 / EFM-40



- Extending Ethernet Services to sites with existing copper Infrastructure
- Supports TC-PAM 32 for 5.7 Mbps over single pair copper
- EFM Bonding up to 61 Mbps (4 pairs, TC-PAM 128)
- Flexible and Rapid Service Deployment
- Flexible configuration as CPE or CO
- Supports EFM OAM complying IEEE 802.3ah

### Data Rate

- N x 64 Kbps (N=3~89) using TC-PAM 16/32
- Max. 5.696Mbps (1-Pair)
- Max. 11.392Mbps (2-Pair)
- Max. 22.784Mbps (4-Pair)
- N x 64 Kbps (N=3~239) using TC-PAM 64/128
- Max. 15.296 Mbps (1-Pair)
- Max. 30.592 Mbps (2-Pair)
- Max. 61.184 Mbps (4-Pair)

## LAN Extender

VDTU2-B110



- Cost effective bridge function to connect two Ethernet LANs
- Data rate 100/75Mbps @ 300m (980 Ft); 10/10Mbps @ 1km (3300 Ft)
- IEEE 802.1Q VLAN tag transparent
- Selectable CPE and CO mode via DIP switch
- Selectable target SNR margin 9dB or 6Db
- FMC-CH17 Chassis supports up to 17 VDTU2-B110

## LAN Extender with 4x FE Ethernet

VDTU2A-304



- Data rate 100/75Mbps @ 300m (980 Ft); 40/10Mbps @ 1km (3300 Ft)
- Selectable CPE and CO mode
- Selectable fast and interleaved mode
- Selectable target band plan
- Selectable target SNR margin

## LAN Extender with 4x GbE Ethernet

VDTU2A-404



- 4x 10/100/1000Base-T
- Metal enclosure for easy installation in Utility applications
- Cost effective bridge function to connect two Ethernet LAN
- IEEE 802.1Q VLAN tag transparent
- Easy installation via simple plug-and play
- Supports VDSL2 Profile 30a High Throughput mode
- Supports VDSL2 Profile 17a long Reach mode

### Data Rate

UTP, 24AWG		
Profile 30a : High Throughput Mode		
Distance (Feet)	Upstream Line Rate (Mbps)	Downstream Line Rate (Mbps)
500	97	183
1000	59	136
1500	40	96
2000	24	64
2500	10	56
3000	6	43

UTP, 24AWG		
Profile 17a : Long Reach Mode		
Distance (Feet)	Upstream Line Rate (Mbps)	Downstream Line Rate (Mbps)
500	54	129
1000	49	112
1500	39	84
2000	23	60
2500	11	45
3000	6	40
4000	1	31
6000	0.64	14
9000	0.36	4