

EFM Leased Lines

Highly reliable up to 20Mb symmetrical Internet for businesses who have outgrown traditional broadband services.

If your business has over 10 employees and a high level of Internet usage, then your broadband connection is vital. If you are using Internet Telephony, uploading or sending lots of files to the Internet, or have an ADSL broadband service that is continually disconnecting due to unreliable wiring, consider EFM.

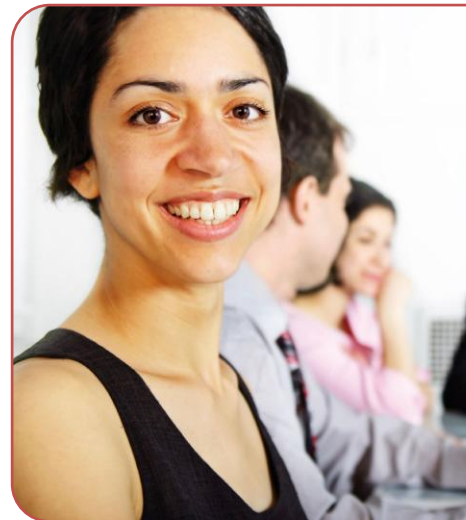
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|---------------------------|--|
| EFM Leased Lines (2 pair) | <ul style="list-style-type: none">• £240.00 per month• £2880.00 per year |
| EFM Leased Lines (4 pair) | <ul style="list-style-type: none">• £350.00 per month• £4200.00 per year |
| Installation | <ul style="list-style-type: none">• From £1200.00 – 1 year contract• 50% discount – 3 year contract |

All prices are excluding VAT.

Key features

EFM uses multiple copper pairs to deliver the service. These are bonded together to provide a combined connection. By combining pairs you will receive a much more reliable service because if there is a fault with a single wire then the service will just slow down, rather than taking your business off line.

- 2 or 4 pairs of bonded copper lines
- Improved reliability over traditional ADSL
- Symmetrical, guaranteed speeds of up to 20Mb
- Perfect partner for voice traffic and large data/media
- 6 hour fault fix window with
- Ethernet switch installed in your premises



- **Improved reliability**
Multiple copper lines, so if one goes down, the others – and you – stay up and running
- **Speed promise**
You receive a guaranteed speed from your local exchange
- **Symmetrical speeds**
EFM lines provide the same speed for both upload and download via a symmetrical line from your exchange
- **Perfect for VoIP**
With guaranteed speeds and excellent reliability EFM is a perfect partner for VoIP
- **Enhanced service levels**
'Service Level 4' from Openreach, meaning copper faults are resolved in 6 hours
- **No phone line needed**
Unlike ADSL, EFM provides a direct Ethernet socket from your local exchange, freeing your phone line

Enjoy symmetrical, guaranteed speeds of up to 20Mb for both uploads and downloads.



EFM Leased Lines

| Features | EFM Leased Lines (2 pair) | EFM Leased Lines (4 pair) |
|-----------------------------|---|---|
| Setup | £0,000.00 - 1 year contract 50% discount – 3 year contract | £0,050.00 – 1 year contract 50% discount – 3 year contract |
| Monthly | £000.00 | £000.00 |
| Download speeds | 2Mb – 10Mb** | 2Mb – 20Mb** |
| Upload speeds | 2Mb – 10Mb** | 2Mb – 20Mb** |
| Assured bandwidth | 2Mb – 10Mb** | 2Mb – 20Mb** |
| Monthly bandwidth allowance | Unlimited^ | Unlimited^ |
| Enhanced care | YES – 6 hour fix^^ | YES - 6 hour fix^^ |
| FREE Static IP addresses | 1, 8 or 16 | 1, 8 or 16 |
| Wireless router | N/A | N/A |
| Extras | Upgrade to 32 or 64 static IP addresses (£20.00) | Upgrade to 32 or 64 static IP addresses (£20.00) |

** Subject to distance from exchange and exchange capabilities ^ Subject to Fair Use. ^^ 6 hour fix window only applies to copper line faults and begins when Openreach engineers acknowledge the report of a fault. All prices are excluding VAT.

Speeds

The speed you receive from Gradwell EFM depends on the distance from your local exchange and the amount of copper wire pairings in your connection. Below is a guide to the speeds you can expect to receive in relation to distance from an exchange.

| Distance | EFM 2 pair | EFM 4 pair |
|---------------|------------|------------|
| 0m – 100m | 10Mb | 20Mb |
| 200m – 500m | 8Mb | 16Mb |
| 600m – 800m | 7Mb | 15Mb |
| 900m – 1100m | 7Mb | 14Mb |
| 1200m – 2100m | 6Mb | 14Mb |
| 2200m – 2300m | 6Mb | 13Mb |
| 2400m | 6Mb | 12Mb |
| 2500m | 5Mb | 12Mb |
| 2600m – 2700m | 5Mb | 11Mb |
| 2800m – 2900m | 4Mb | 10Mb |

| Distance | EFM 2 pair | EFM 4 pair |
|---------------|------------|------------|
| 3000m – 3100m | 4Mb | 9Mb |
| 3200m | 3Mb | 8Mb |
| 3300m | - | 8Mb |
| 3400m | - | 7Mb |
| 3500m – 3600m | - | 6Mb |
| 3700m | - | 5Mb |
| 3800m | - | 4Mb |
| 3900m | - | 3Mb |
| 4000m+ | - | - |