

EFM Leased Lines

Highly reliable up to 20Mbps symmetrical Internet for businesses who have outgrown traditional broadband

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 from Gradwell.

EFM Leased Lines (2 pair)	<ul style="list-style-type: none"> • £240.00 per month • £2,880.00 per year
EFM Leased Lines (4 pair)	<ul style="list-style-type: none"> • £350.00 per month • £4,200.00 per year
Installation	<ul style="list-style-type: none"> • From £1,200.00 – 1 year contract • 50% discount – 3 year contract

All prices are excluding VAT.

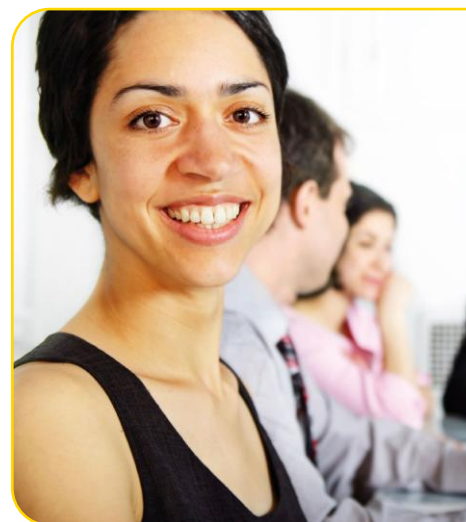
Key features

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 20Mbps
- Perfect partner for voice traffic and large data/media
- 6 hour fault fix window with
- Ethernet switch installed in your premises

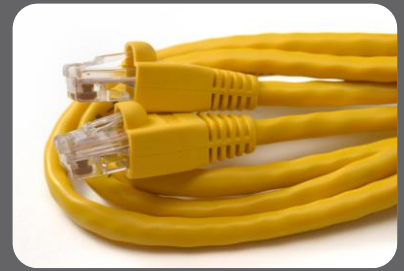


Bonded, paired lines gives greater reliability. If one line goes down, the others – and your business – stay up and running



- **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 20Mbps for both uploads and downloads.



EFM Leased Lines

Features	EFM Leased Lines (2 pair)	EFM Leased Lines (4 pair)
Setup	£1,200.00 - 1 year contract 50% discount – 3 year contract	£1,650.00 – 1 year contract 50% discount – 3 year contract
Monthly	£240.00	£350.00
Download speeds	2Mbpsps – 10Mbps**	2Mbps – 20Mbps**
Upload speeds	2Mbpsps – 10Mbps**	2Mbps – 20Mbps**
Assured bandwidth	2Mbps – 10Mbps**	2Mbps – 20Mbps**
Monthly transfer 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
Technicolor TG672 router	Costs £150	Costs £150
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 ^^ 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. Mbps refers to Megabits per second

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	10Mbps	20Mbps
200m – 500m	8Mbps	16Mbps
600m – 800m	7Mbps	15Mbps
900m – 1100m	7Mbps	14Mbps
1200m – 2100m	6Mbps	14Mbps
2200m – 2300m	6Mbps	13Mbps
2400m	6Mbps	12Mbps
2500m	5Mbps	12Mbps
2600m – 2700m	5Mbps	11Mbps
2800m – 2900m	4Mbps	10Mbps

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