

# **CS25010**

## **Wide Area Services provided mainly for Data - Part Two**

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Computer Science

### **Digital Leased Lines from BT**

- **MegaStream**  
– 2Mbps, 8Mbps, 34Mbps, 140Mbps

### **MegaStream 2Mbps Installation Costs**

Connection Charge	First	Extra
	Circuit	Circuits
Each Local Link	5423	1551
Plus Main Link		
distant independent	423	423

### **MegaStream 8Mbps Installation Costs**

Connection Charge	First	Extra
	Circuit	Circuits
Each Local Link	8290	4653
Plus Main Link		
distant independent	1269	1269

## MegaStream 34Mbps Installation Costs

Connection Charge	First Circuit	Extra Circuits
Each Local Link	22766	8860
Plus Main Link		
distant independent	11656	11656

## MegaStream 140Mbps Installation Costs

Connection Charge	All Circuits
Each Local Link	49350
Plus Main Link	
distant independent	0

## Rental Charges

Rental Charges	2 Mbps	8 Mbps	34 Mbps	140 Mbps
Each Local Link	1428	4994	21362	132628
Plus Main Link				
Both ends Central London	1963	4465	5452	SPECIAL
under 15Km	4148	13630	26438	0
PLUS per Km	364	954	3819	5013
Over 15Km				
for the 1st 15Km	9612	27942	83719	as above
per extra Km	186	557	1857	as above
SPECIAL = whole circuit 135243				

## Example Costs - MegaStream

- **Aberystwyth <-> Birmingham**
- **Installation (2, 8, 34, 140 Mbps)**
- **3525, 10602, 29374, 98700**
- **Rental**
- **42227, 127049, 423560, 1142356**
- **assumes this is an 'extra' circuit**

## Short Haul Services

- LAN Extension Services (LES)
- Data Extension Services (DES)
- Metallic Data Extension Services
- LES 155

## LES 1 and 2

- LES 1, repeatered 10Mbps ethernet to 2Km
- LES 2, unrepeatered 10Mbps to 3.8Km
- 
- Connection charge about 5000 + 5/metre
- Rental about 1000 + 4/metre
- 
- all costs approximate

## LES 155

- sold as suitable to link ATM LANs
- connection charge per end about 17000
- + 9.4 per metre
- 
- rental 37600 + 7 per metre
- 
- all cost approximate

## Example Costs

- **Aberystwyth <-> Aberystwyth**
- **Installation (2, 8, 34, 140 Mbps, LES1, LES155)**
- **3102, 9306, 17720, 98700, 7520, 33840**
- **Rental**
- **2856, 9988, 42722, 265256, 5057, 37600**
- **charges are approximate and assume locations about 1Km apart**