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Subpart 3:Ethernet Extension Services

All EES, FEES and GEES services have been withdrawn from new supply. Customers may order equivalent products from our SHDS Product Range.

Ethernet Extension Services is the name for a range of short distance (less than 25km) point to point communication products that predominantly carry Ethernet protocols between BT and customer sites.

The service is split into EES, for Ethernet speeds, FEES for Fast Ethernet speeds and ATM and GEES for Gigabit Ethernet, Fibre Channel and STM16.

EES 10 and 10LR carry 10Mb Ethernet, EES/FEES 100, 155 and 622 carry 100Mb (Fast Ethernet), 155Mb (ATM) and 622Mb (ATM) and EES/GEES 1000, 1000ER 2500 and 10000 carry 1G Ethernet, 1G Fibre Channel, 2.5Gb STM16 and 10Gb. GEES/EES 1000ER supports connections of up to 35km.

Eligibility

Available nationally within the UK to all customers requiring interconnection of 10000Mbit/s.

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Pricing Information

All prices where quoted are exclusive of VAT.

Products have options for Unmanaged, Managed (remote diagnostics and alerts) and two resilience options.

Managed products include an ISDN router and circuit, this is used to allow for management alerts to be sent to the BT management centre to proactively inform our management team of faults in the service. This link can also be used to remotely diagnose any problems reported by the customer. Unmanaged services do not have this feature.

Resilience Option 1 offers greater resilience by providing two fibre paths connected to a single NTE at each site, with the assurance that a Main & Standby fibre pair will be diverse from one another. This diversity will be monitored to ensure that diversity is maintained throughout the life of the circuit. If a problem occurs on the Main fibre path the traffic will automatically be switched onto the standby path. This changeover will take up to 50mS. The two fibre paths are charged a distance rental, one for the Primary Link and the other for the Secondary Standby Link.

Alternatively, customers can install two completely separate links with diverse paths and opt for Resilience Option 2 to monitor the diversity between the two circuits, in this case one circuit will be charged at the standard price and the other circuit will be charged at Resilient Option 2 pricing, meaning increased per-end and link rentals. Whilst it is not possible to upgrade any existing service to Resilient Option 1, Resilient Option 2 can be used with one or two existing services, which will be checked for seperacy once the upgrade order is received.

For full diversity, separate duct access into the customer site will need to be provided, where the customer chooses not to pay for this then diversity will be from the first point of connection outside of the building.

Each connection charge is applied per end of the service.

The connection charge and annual rental for each End are not distance-dependent sums (i.e. they are fixed charges). The Main Link charge is calculated on the radial distance between the two local serving exchanges. If the customer's two sites are within the same local exchange area, the Main Link charge will not apply.

Connection and Rental Charges

Connection Charges

Connection Charges per end	Connection Charge			
	Unmanaged	Managed	Resilience Option One	Resilience Option Two
	Exc VAT	Exc VAT	Exc VAT	Exc VAT
	£	£	£	£
EES 10LR (3.5km, 10Mbs Ethernet, Single exchange)	N/A	N/A	N/A	N/A
EES 10 (25km, 10Mbs Ethernet)	N/A	N/A	N/A	N/A
				N/A
FEES 100 (25km, 100Mbs Ethernet)	N/A	N/A	N/A	N/A
FEES 155 (25km, 155Mbs ATM)	N/A	N/A	N/A	N/A
FEES 622 (25km, 622Mbs ATM)	N/A	N/A	N/A	N/A
GEES 1000 (25km, 1000Mbs Ethernet or Fibre Channel)	N/A	N/A	N/A	N/A
GEES 1000ER (35km, 1000Mbs Ethernet)	N/A	N/A	N/A	N/A
GEES 2500 (25km, 2.5Gbs)	N/A	N/A	N/A	N/A
GEES 10000 (25km, 10Gbs Ethernet)	N/A	N/A	N/A	N/A

Annual Rentals

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Rental Charges Per End	Rental Charge						
	Unmanaged	Managed	Resilience Option One	Resilience Option Two	Main Link (Per Meter)	Resilient Standby Link (Primary. Per Metre) RA01 only	Resilient Standby Link (Secondary. Per Metre) RA02 only
	Exc VAT	Exc VAT	Exc VAT	Exc VAT	Exc VAT	Exc VAT	Exc VAT
	£	£	£	£	£	£	£
EES 10 LA Price per circuit	*4609.00*	N/A	N/A	N/A	N/A	N/A	*N/A* *[Price]*
FEES 100 LA Price per circuit	*5395.00*	N/A	N/A	N/A	N/A	N/A	*N/A* *[Price]*
GEES 1000 LA Price per circuit	*13098.00*	N/A	N/A	N/A	N/A	N/A	*N/A* *[Price]*
EES 10LR (3.5km, 10Mbs Ethernet, Single exchange)	*3348.00*	N/A	N/A	N/A	N/A	N/A	*N/A* *[Price]*
EES 10 (25km, 10Mbs Ethernet)	*3518.00*	*3765.00*	N/A	N/A	*0.68* *[Price]*	*N/A* *[Price]*	*1.21* *[Price]* *(Unmanaged)*
				[Price] (Managed)			
FEES 100 (25km, 100Mbs Ethernet)	N/A	[Price]	[Price]	[Price]	[Price]	[Price]	[Price]
EES 100 (25km, 100Mbs Ethernet)	N/A	[Price]	N/A	N/A	[Price]	N/A	N/A
FEES 155 (25km, 155Mbs ATM)	N/A	[Price]	N/A	[Price]	[Price]	N/A	[Price]
EES 155 (25km, 155Mbs ATM)	N/A	[Price]	N/A	N/A	[Price]	N/A	N/A
FEES 622 (25km, 622Mbs ATM)	N/A	[Price]	N/A	[Price]	[Price]	N/A	[Price]
EES 622 (25km, 622Mbs ATM)	N/A	[Price]	N/A	N/A	[Price]	N/A	N/A
GEES 1000 (25km, 1000Mbs Ethernet or Fibre Channel)	N/A	[Price]	[Price]	[Price]	[Price]	[Price]	[Price]
EES 1000 (25km, 1000Mbs Ethernet or Fibre Channel)	N/A	[Price]	N/A	N/A	[Price]	N/A	N/A
GEES 1000ER (35km, 1000Mbs Ethernet)	N/A	[Price]	N/A	N/A	[Price]	N/A	N/A

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Rental Charges Per End	Rental Charge						
	Unmanaged	Managed	Resilience Option One	Resilience Option Two	Main Link (Per Meter)	Resilient Standby Link (Primary. Per Metre) RA01 only	Resilient Standby Link (Secondary. Per Metre) RA02 only
	Exc VAT	Exc VAT	Exc VAT	Exc VAT	Exc VAT	Exc VAT	Exc VAT
	£	£	£	£	£	£	£
~~EES 1000ER (35km, 1000Mbs Ethernet)~~	N/A	[Price]	N/A	N/A	[Price]	N/A	N/A
~~GEES 2500 (25km, 2.5Gbs)~~	N/A	[Price]	N/A	[Price]	[Price]	N/A	[Price]
~~EES 2500 (25km, 2.5Gbs)~~	N/A	[Price]	N/A	N/A	[Price]	N/A	N/A
~~GEES 10000 (25km, 10Gbs Ethernet)~~	N/A	[Price]	N/A	[Price]	[Price]	N/A	[Price]
~~EES 10000 (25km, 10Gbs Ethernet)~~	N/A	[Price]	N/A	N/A	[Price]	N/A	N/A
				N/A			
FEES 100 (25km, 100Mbs Ethernet)	*N/A*	*4305.00*	*9339.00*	*6064.00*	*0.68*	*1.54*	*1.21*
EES 100 (25km, 100Mbs Ethernet)	*N/A*	*5395.00*	*N/A*	*N/A*	*0.62*	*N/A*	*N/A*
GEES 1000 (25km, 1000Mbs Ethernet or Fibre Channel)	*N/A*	*9339.00*	*N/A*	*12333.00*	*0.68*	*1.54*	*1.21*
EES 1000 (25km, 1000Mbs Ethernet or Fibre Channel)	*N/A*	*19624.00*	*N/A*	*N/A*	*0.68*	*N/A*	*N/A*
GEES 1000ER (35km, 1000Mbs Ethernet)	*N/A*	*12822.00*	*N/A*	*N/A*	*0.68*	*N/A*	*N/A*
EES 1000ER (35km, 1000Mbs Ethernet)	*N/A*	*19708.00*	*N/A*	*N/A*	*0.68*	*N/A*	*N/A*

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Rental Charges Per End	Rental Charge						
	Unmanaged	Managed	Resilience Option One	Resilience Option Two	Main Link (Per Meter)	Resilient Standby Link (Primary. Per Metre) RA01 only	Resilient Standby Link (Secondary. Per Metre) RA02 only
	Exc VAT	Exc VAT	Exc VAT	Exc VAT	Exc VAT	Exc VAT	Exc VAT
	£	£	£	£	£	£	£
GEES 2500 (25km, 2.5Gbs)	N/A	13783.00	N/A	16247.00	0.68	N/A	1.21
EES 2500 (25km, 2.5Gbs)	N/A	26250.00	N/A	N/A	0.62	N/A	N/A
GEES 10000 (25km, 10Gbs Ethernet)	N/A	17620.00	N/A	19670.00	0.62	N/A	1.10
EES 10000 (25km, 10Gbs Ethernet)	N/A	63000.00	N/A	N/A	0.68	N/A	N/A

Regrade Charges

Please See Section12 Part11 Sub-Part6 for the prevailing regrade charges applicable to the relevant EES service.

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Conditions

Service is provided under BT's "Conditions for Private Services".

Where service cannot be provided, the order will be cancelled without liability.

BT Price List

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Contract Options

BT's Conditions for Private Services apply to Short Haul Data Services. The relevant contract options can be found in Part 8 of this Section .