



KCOM Wholesale Catalogue 2023

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Introduction

The Wholesale Catalogue identifies and describes the Wholesale services included in the markets for which KCOM has a regulatory financial reporting obligation. The Wholesale Catalogue contains descriptions of our service offering and identifies whether services are internally or externally supplied.

Market: Wholesale Local Access

This market includes fibre lines from a customer's premises to a KCOM exchange.

The following services comprise the Wholesale Local Access (WLA) market in Hull:

Service Code	Service Name
SC-WP-BB-FIBRELINE-Rent	FibreLine Local Access Rental
SC-WP-BB-FIBRELINE-Conn	FibreLine Local Access Connection
SC-WP-VCC	Virtual Cable Connect
SC-WP-LABS	Local Access Backhaul Service

Service name and offering

Wholesale FibreLine Local Access (WFLA)

A passive fibre circuit connecting the CP's CPE at the end-user premises via KCOM's IP core to the CP using Local Access Backhaul Circuits or Exterior Cable Connect.

Service offering

- *FibreLine Local Access Rental* – the annual rental charge raised on the line varying with the selected transport rate (download speeds from 32Mbps – 990 Mbps).
- *FibreLine Local Access Connection*:
 - *New Provide services* – the provision of new End User connections. This service includes provision of new connections, re-use of existing fibre circuits, working circuit takeovers and cancellations of orders.
 - *Single Migrations* – a transfer of a single circuit from one CP to another. The service also includes cancellation of orders
- *Virtual Cable Connect* – conveys aggregated IP traffic from individual Optical Line Termination equipment through the Layer 2 Aggregation to either a Local Access Backhaul Service or an Internal Cable Connect
- *Local Access Backhaul Service* – circuit connecting an Exchange Site with a CP Site for the purpose of transmitting the respective CP's End User traffic
- *Other Services*

KCOM provides the following services to Communications Providers using KCOM Ancillary Services:

- *Co-Location* – provision of accommodation within which the CP's Compliant Equipment is located in a CP Equipment Room at an Exchange Site

- *Internal Cable Connect*– dedicated fibre optic cable connecting KCOM network services to a CP's Co-Location Services within an Exchange Site
- *Exterior Cable Connect* – provision of a physical cable connection between the CP's Compliant Equipment in their specified Co-location Hostel at an Exchange Site and the CP's Network located within the curtilage of the same Exchange Site or at a specified location within 100 metres of the curtilage of the same Exchange Site

Time related Charges

The following services are priced on a time-related basis:

- *Call Out Charge (NO KCOM Fault Found)*
- *Missed Appointment Fee*
- *Expedite of WFLA Installation*

Termination Payments

Termination of WFLA services to End Users are subject to one month's notice.

Market: Leased Lines

The Leased Lines market includes leased lines provided using modern technology suitable for the transmission of IP data and the provision of dark fibre between two addresses in the Hull area.

Leased Line services include Ethernet Direct Access Service (EDAS) and interconnect tails designated as Ethernet Connect Access Services (ECAS).

The following services constitute the Leased Lines market:

Service code	Service name
SC-WP-EDAS-10Mb-Rent	Ethernet Direct Access Service (EDAS) 10Mb Rental
SC-WP-EDAS-100Mb-Rent	Ethernet Direct Access Service (EDAS) 100Mb Rental
SC-EDAS-1Gb-Rent	Ethernet Direct Access Service (EDAS) 1Gb Rental
SC-WP-EDAS-10Gb-Rent	Ethernet Direct Access Service (EDAS) 10Gb Rental
SC-WP-EDAS-10Mb-Conn	Ethernet Direct Access Service (EDAS) 10Mb Connection
SC-WP-EDAS-100Mb-Conn	Ethernet Direct Access Service (EDAS) 100Mb Connection
SC-WP-EDAS-1Gb-Conn	Ethernet Direct Access Service (EDAS) 1Gb Connection
SC-WP-EDAS-10Gb-Conn	Ethernet Direct Access Service (EDAS) 10Gb Connection
SC-WP-ECAS-10Mb-Rent	Ethernet Connect Access Service (ECAS) 10Mb Rental
SC-WP-ECAS-100Mb-Rent	Ethernet Connect Access Service (ECAS) 100Mb Rental
SC-WP-ECAS-1Gb-Rent	Ethernet Connect Access Service (ECAS) 1Gb Rental
SC-WP-ECAS-10Gb-Rent	Ethernet Connect Access Service (ECAS) 10Gb Rental
SC-WP-ECAS-100Gb-Rent	Ethernet Connect Access Service (ECAS) 100Gb Rental
SC-WP-ECAS-10Mb-Conn	Ethernet Connect Access Service (ECAS) 10Mb Connection
SC-WP-ECAS-100Mb-Conn	Ethernet Connect Access Service (ECAS) 100Mb Connection
SC-WP-ECAS-1Gb-Conn	Ethernet Connect Access Service (ECAS) 1Gb Connection
SC-WP-ECAS-10Gb-Conn	Ethernet Connect Access Service (ECAS) 10Gb Connection
SC-WP-ECAS-100Gb-Conn	Ethernet Connect Access Service (ECAS) 100Gb Connection
SC-WP-CISBO-Other	Other Ethernet Access Services
WP-DF-Single-Rental	Wholesale Dark Fibre Single Fibre Rental
WP-DF-Pair-Rental	Wholesale Dark Fibre Pair Rental
WP-DF-Single-Conn	Wholesale Dark Fibre Single Fibre Connection
WP-DF-Pair-Conn	Wholesale Dark Fibre Pair Fibre Connection
WP-DF-ECC	Wholesale Dark Fibre Excess Construction Charges
WP-DF-Other	Wholesale Dark Fibre Other

Service name and offering

Ethernet Direct Access Service (EDAS)

Ethernet Direct Access Service (EDAS) provides point-to-point data connectivity between sites in the Hull area. It can be used to build and extend customer networks, develop new infrastructure, and meet low & high-capacity bandwidth requirements (i.e. up to 10 Gbps).

This service is available at 10Mb, 100Mb, 1Gb and 10Gb bandwidths. Our published services

also include variants for resilience options on a bespoke basis:

- *Rentals* – the ongoing rental charged for the use of the line.
- *Connections* – the fee charged for provision of a new circuit. These services are provided internally and externally.

Ethernet Connect Access Service (ECAS)

Ethernet Connect Access Service (ECAS) provides point-to-point data connectivity between sites and an established point of interconnect in Hull for onward delivery. This service is available in bandwidth up to 100 Gbps.

This service is available at 10Mb, 100Mb, 1Gb, 10Gb and 100Gb bandwidths. Our published services also include variants for resilience options on a bespoke basis:

- *Rentals* – the ongoing rental charged for the use of the line.
- *Connections* – the fee charged for provision of a new circuit. These services are provided internally and externally.

Optical Wavelength Access Service (OWAS)

Optical Wavelength Access Service (OWAS), with filter, provides a high-speed point to point wavelength service, consisting of a core 10Gbps lit and managed wavelength, with an option for the Communications Provider to utilise additional wavelengths between sites using their own equipment.

Excess construction Charges

Connection Charges apply to all installations where routing is determined by KCOM and there are no access impediments. Excess Construction Charges, subject to survey, may be levied in various instances including the following:

- (a) Resilience is requested, dependent upon the level of separacy required; or
- (b) Client site is a significant distance from established KCOM network; or
- (c) Exceptional costs are identified e.g. a new crossing of a railway line.

Costs will be charged as an Excess Construction Charge (ECC), in addition to the published connection fee, where they exceed the exemption threshold of £2800. Exemptions do not apply where:

- (a) Time Related Charges are incurred for out of hours working
- (b) Circuits are alternatively routed at the CP / End User's request
- (c) An exemption has already been given at the site on an earlier occasion

There are different aspects of ECCs. They include the fibre itself, ducting, tray work and labour costs. Miscellaneous costs such as road closures, traffic control and recovery of plant are also applied where such works are required.

This service excludes the duct and fibre depreciation relating to ECCs.

These services are provided internally and externally.

Dark Fibre

The Dark Fibre service constitutes the installation and maintenance of a fibre optic cable end to end between two addresses in the Hull area. No active equipment is supplied, and the service is not managed nor monitored.

Services include:

- *Rentals:*
- *Standard – for Single and Dual Fibres*
- *Diversity – Additional diverse path*
- *Connection Services:*
- *Standard Connection Service*
- *A-end or B-end shift – Re-siting of one circuit end to another address within the Hull Area.*
- *Diversity – Additional diverse path connection*
- *Excess Construction Charges*

Connection Charges apply to all installations where routing is determined by KCOM and there are no access impediments.

Excess Construction Charges (ECCs), subject to survey, may be levied in various instances such as the requirement for resilient circuits or, for example, requests for termination requiring substantial interior cabling.

Costs will be charged as an Excess Construction Charge (ECC), in addition to the published connection fee, where they exceed the exemption threshold of £2800. Exemptions do not apply where:

- (a) Time Related Charges are incurred for out of hours working
- (b) Circuits are alternatively routed at the CP / End User's request
- (c) An exemption has already been given at the site on an earlier occasion

There are different aspects of ECCs. They include the fibre itself, ducting, tray work and labour costs. Miscellaneous costs such as road closures, traffic control and recovery of plant are also applied where such works are required.