



Private Circuits

Service description

Private Circuits are dedicated, permanently open transmission circuits between two or more fixed points. When used with suitable customer premises equipment, they can support a wide variety of applications such as voice transmission, telemetry services, video conferencing and data transmission.

Private Circuits are available using Digital or Analogue network equipment.

KC Care is available on all the Private Circuit Products either in tariff or at an additional cost depending on the circuit type.

Privateline - Not available for new supply

KCOM Privatelines are analogue private circuits and are typically used for voice, telemetry and low speed data applications. Privatelines are available with various options and the connection and rental charges will depend on the circuit type required. Equipment suppliers may quote Engineering Performance Specifications with respect to the type of analogue line you require – we can advise you on the appropriate KCOM Privateline to meet your needs.

Kiloline and Megaline

KCOM Kiloline and Megaline are digital private circuits and are virtually error free, secure and confidential. Kiloline and Megaline are intended to carry any form of digital transmission at data rates from 2.4 kb/s to 34 Mb/s and support a range of interface options.

Kiloline - Will support the following range of speed and interface options.

Speed 2.4, 4.8, 9.6 and 19.2 kb/s - Interface X21 bis (V24)

Speed 48 kb/s - Interface X21 bis (V35)

Speed 2.4, 4.8, 9.6, 19.2, 48 and 64 kb/s - Interface X21

Kiloline N - is a high speed digital link available at data rates in increments of 64 kb/s starting at 128 kb/s up to 1,024 kb/s

Megaline - Will support bit rates of 2 Mb/s (interface options of G.703, X21 or Ethernet), 10 Mb/s, 34 Mb/s, 100 Mb/s and 155 Mb/s.

Business Care and **Business Care Plus** are available to customers with Private Circuits.



Existing Network Connectivity

For this criteria to be met an optical fibre cable or cables containing spare optical fibres with which to provide the new service or services must be available within the customers own premises / office or place of business this also includes both multiple tenancy units or multiple business units (see exceptions).

The exceptions are as follows:

If the customer's premise or site contains multiple buildings the optical fibre connectivity for the new service must be within the building or location where the service is required and not contained externally in another building.

If an existing optical fibre cable is present within the building or location but contains no spare optical fibres available for connecting the new service or services.

KCOM maintain the right to designate optical fibres within a cable as spare for fault purposes and as such are not available for new customer services /connections.

Where the new service is required within a building containing multiple business / tenancy units, the optical fibres required to provide the new service must not exceed a cabling distance of more than 25 metres from where the existing cable is terminated.

No Existing Network Connectivity

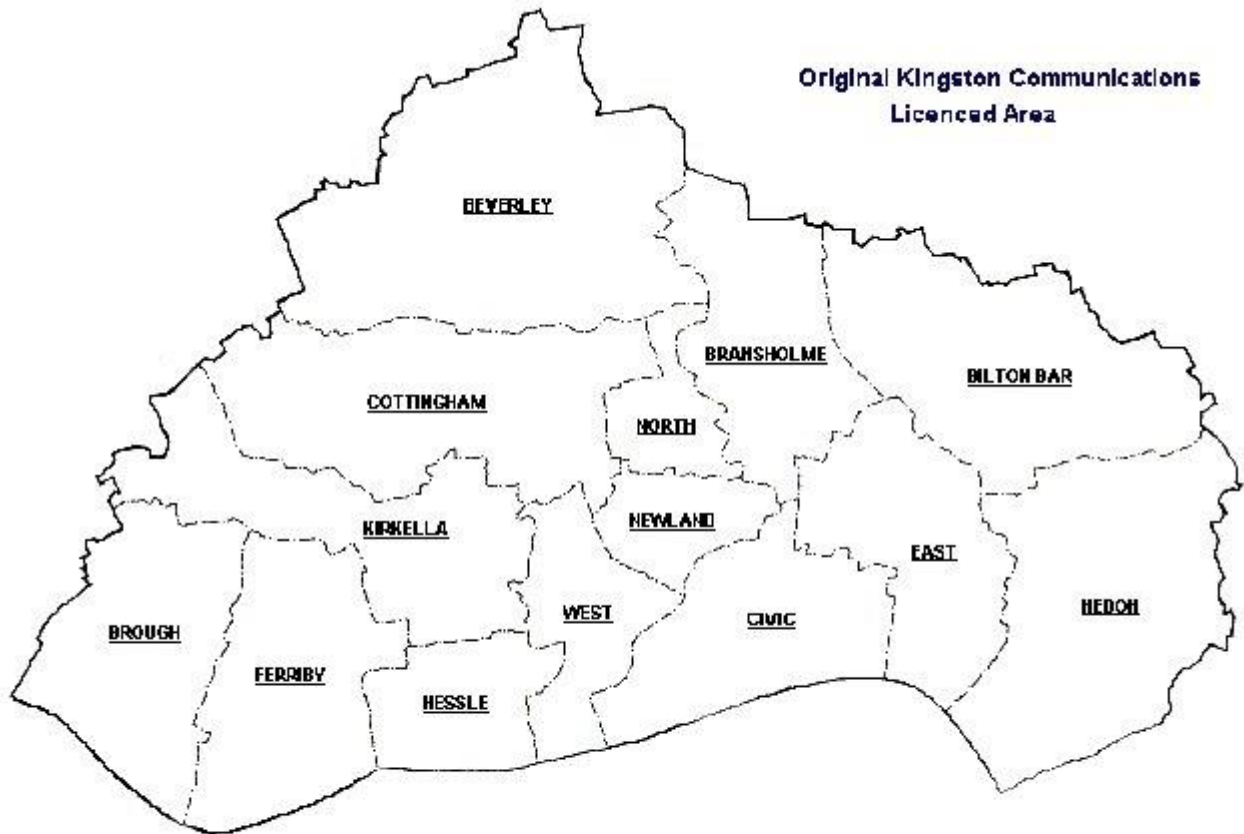
This relates to installations where no optical fibre cable exists or where a cable does exist but has no spare optical fibre capacity available to provide the new service.

KCOM maintain the right to designate optical fibres within a cable as spare for fault purposes only and as such would not be available to provide a new service for customers

Original KCOM Licenced Area

This map illustrates the exchanges within the original KCOM Licensed area and is provided to aid in establishing where each end of the circuit is located so ensuring that the appropriate charge is made.

Original Kingston Communications Licenced Area



Private Circuit Prices are Calculated as Follows:

SXA=Where both "A" + "B" end of the circuit are in the same or an adjacent exchange area e.g. Civic-Civic, Civic-West

OXA=Where both "A" + "B" end of the circuit are not in adjacent exchange areas e.g. Civic-Hedon, Hedon-Branholme