Fact sheet

Generic Ethernet Access Cablelink

Generic Ethernet Access (GEA) Cablelink helps you to provide GEA services when you're using licensed accommodation space within a Next Generation Access (NGA) handover exchange.

Enables connectivity between the NGA Optical Line Termination (OLT) and your own servers or backhaul circuits within the same exchange.
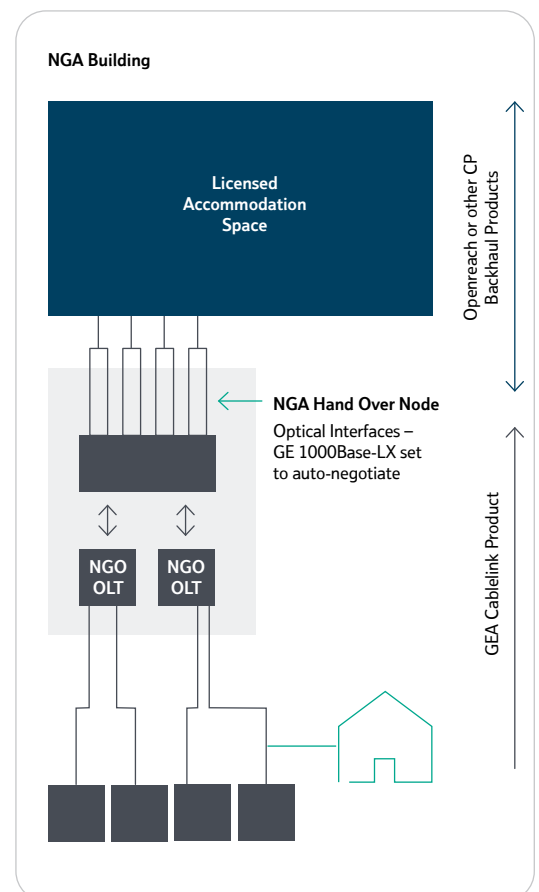
Available for all CPs.

Product benefits

No additional space required
GEA Cablelink uses direct fibre within the BT exchange.

Future focused
Next Generation Network (NGN) compatible.

Product features

Generic features

- Available to all Communications Providers (CPs) that hold licensed space in a BT NGA exchange

- 1Gbit/s Ethernet (GE) port into the Optical Line Termination (OLT/Layer 2 Switch)

- CP handover port GE interface will be set to auto-negotiate, 1000Base-LX (SingleMode only)

- A GEA Cablelink will be required for each individual OLT/Layer 2 Switch at a PoH and CPs can take more than one GEA Cablelink per OLT if required, subject to availability within the Point of Handover (PoH)

- Data from multiple DSLAMs or Passive Optical Networks (PONs) on the same OLT/Layer 2 Switch at a PoH will be aggregated to the CP's GEA Cablelink(s).

How it works

NGA Building

Licensed Accommodation Space

Openreach or other CP Backhaul Products

NGA Hand Over Node
Optical Interfaces – GE 1000Base-LX set to auto-negotiate

NGO OLT   NGO OLT

GEA Cablelink Product

For more information on GEA Cablelink visit **www.openreach.co.uk** or contact your business development manager.