



Duct Product

Carrier-class Duct, Sub-Duct and Sub-DuctX for laying Carrier fibre in the metro areas throughout Ireland.

Definition

Enet operates over 90 MANs on behalf of the Irish State with over 5,400km of fibre network. This fibre is protected and carried through Enet's extensive Duct network.

This Enet Duct network is available for licenced Carriers to carry their fibre cable between nominated Enet MAN chambers to provide telecoms services to their customers. The schematic below describes the typical layout of purchased Duct.



Product Description

The Duct Product is available in three variants with typical dimensions as described below.

- Full-Duct 110mm Outside Diameter (OD) uPVC duct
- Sub-Duct 26mm Internal Diameter (ID)
- Sub-DuctX 12-14mm ID microduct

The main features of the Enet Duct Product solution are as follows:

- Enet access chambers every c.250m
- Minimum length licenced is 250m
- It can be leased on a spur or on a ring
- It is provided subject to availability on a case by case basis
- Additional Duct-Product may be installed subject to commercial consideration
- The route is defined with Enet Chambers at the start, interim and end of the specified route
- Duct is for Carrier's own use and not for selling or sub-letting to third parties
- Unsupervised Enet chamber access for visual inspection permitted (subject to approval)
- Technical details are available in Appendix 2 of the Duct Product Description (available on request)

Service Delivery

Enet offers the Duct Product at every MAN as part of our extensive product portfolio. The Duct Product is available through Enet's chambers where the Carrier can access the Enet Duct Infrastructure for core drilling and to pull through fibres under supervision.

Enet will prove the route using a Desktop Survey (DTS). If the DTS is considered insufficient, Enet will initiate a full field survey to prove the route (Rod and Rope, Chamber checks etc.).

Route breakouts are allowed subject to approval and charges. These can be done from an existing or new Enet chamber. Duct access/breakouts using Swept-T piping is not permitted

Where there is no spare Duct Product on the requested route, subject to commercial review, Enet will accommodate the Carrier by installing additional Duct Product (or alternatives). Enet will advise the Carrier of any additional charges for such alternatives at the time of request.

Enet Responsibilities

Enet is responsible for:

- Provisioning the Duct Product from the Carrier designated Enet Chambers
- Storing service loops in Enet chambers if space permits and subject to approval and charges
- The operation and maintenance of the Duct Product
- Acquiring the public wayleave for civil elements of the service

Note: For Private Wayleaves, Enet will take full operational responsibility for wayleave application and establishment on behalf of the Carrier. It is our experience that for certain sites the intervention of the leaseholder is essential to completion of the process and therefore the carrier would need to retain final responsibility for private wayleave

Carrier Responsibilities

The Carrier is responsible for:

- Training and accrediting their personnel to access and work on Enet network infrastructure
- Providing accurate X/Y coordinates or Chamber numbers to get a quote
- Costs for any civils, Road Opening Licenses, management with Local Authorities and Enet supervision
- Retaining final responsibility for private wayleaves
- Providing (and where required building) their own Carrier Chambers to accommodate any joints, splices, service loops or breakouts to facilitate connection to the Duct Product
- The repair, maintenance and replacement of their fibre in the Duct Product
- Immediately reporting any faults to the NOC, as this is a passive product and not actively monitored

Glossary

- OD External Diameter
- ID Internal Diameter
- uPVC Unplasticised Poly Vinyl Chloride (Vinyl)
- MAN Metropolitan Area Network
- DTS Desk Top Survey

Further Information

Quotations

A quotation for service can be submitted via an email to the quoterequests@enet.ie. Enet will provide the Carrier with a formal Quote based on a Desktop Survey (DTS). If the DTS is insufficient, a full field survey is required to prove the route (Rod and Rope, Chamber checks etc.). The Carrier is not charged for this provided the Order goes ahead.

Ordering and Provisioning

The Carrier should contact their Account Manager for all aspects of Order management (availability, ordering, support, cessation of service and billing).

Further information

Contact your Enet Account Manager or contact us at:

Telephone: + 353 (0)61 274000

Webpage: www.enet.ie