Dublin
Metro Connect

Reliable, secure, low latency connectivity between Digital Realty data centres

Digital Realty Metro Connect

The Digital Realty Metro Connect product is part of the wider Cross Connect product suite, which interconnect customers within or between nearby Digital Realty Data Centres. They enable reliable connectivity directly to your partners, suppliers and other Digital Realty customers who are present in the same or a nearby Data Centre, helping you to reduce network costs and to lower network latency, without using public networks.

Metro Connect Options

Digital Realty provides two different options of the Metro Connect product so customers can select the option that works best for their business.

The following Metro Connect products provide connectivity between our Dublin campuses:

Metro Route	Dark Fibre	100G Wave
DUB1/2 to DUB3/4	■	■
DUB1/2 to DUB10		■
DUB3/4 to DUB10		■

Metro Connects follow the 3-business day installation interval offered with all Digital Realty Cross Connects; and, 1 and 2 business day installation expedite options are available.

Metro Connect - Fibre

Metro Connect - Fibre is a dedicated single mode dark fibre solution and can be purchased as a single route. Diverse fibre routes are available enabling customers to purchase a second Metro Connect – Fibre for fibre route protection. There is a twelve-month contractual term for the Metro Connect - Fibre option. A monthly recurring service fee as well as initial setup fee is charged for this product. Customers who choose this option are responsible for lighting the fibre and managing the connection(s).

Digital Realty Customer Portal

The ordering of Cross Connects through the Customer Portal will save you time, enhance your ordering experience and qualifies the Cross Connect for SLAs. You'll be able to:

- **Submit** orders online
- **Save** a partially completed order before submitting
- **Accept** an order online, without requiring a signature or paper copies
- **Upload** relevant documentation, such as letters of agreement and purchase orders
- **Track** orders placed online

Metro Connect - Managed Wave 100G

The Metro Connect - Managed Wave 100G solution uses DWDM technology and Ethernet protocol to support connections over diverse fibre paths providing security, reliability and cost efficiency. A DWDM platform is installed in each Dublin data centre. The Managed Wave product is a fully managed solution with capacity to scale as your business grows; and, includes fibre route protection with <50ms automatic switchover between fibre paths. The service is monitored and managed by the Digital Realty Network Operations Center. Metro Connect - Managed Wave is available as a 100G bandwidth solution. There is no contractual term for Managed Wave product. A monthly recurringservice fee applies.
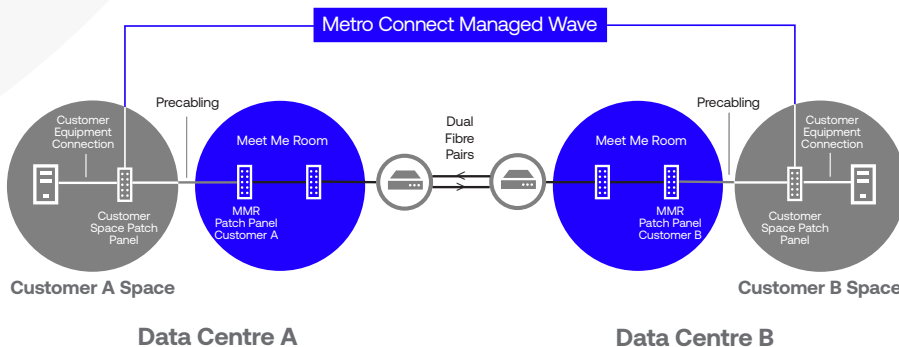
Metro Connect – Managed Wave Interface specifications

This product does not require you to provide DWDM optical transceivers, however, the customer is required to provide standard grey optic transceiver of the following specification:
• 100GBASE-LR4 1310nm

Metro Connect – Managed Wave Service Availability

There is 99.999% availability per month per connection with standard Metro Connect restoral SLA, excluding force majeure.
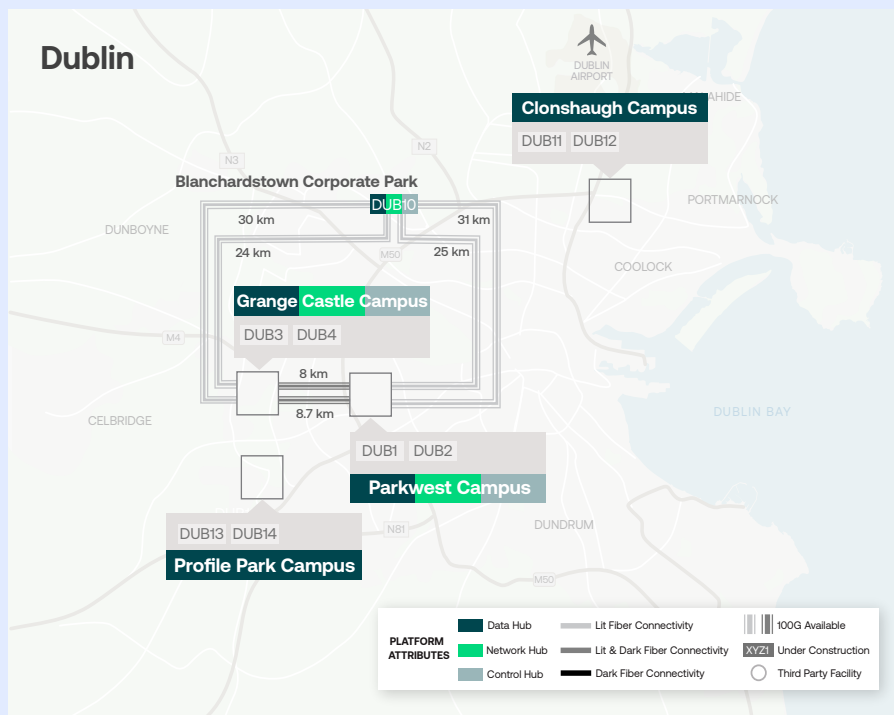

Metro Connect Managed Wave

Data Centre A — Data Centre B

Fibre Route Details

There are two routes available (designated Canal Route and T50 Route) between DUB1/2/3 &4 for both Metro Connect Fibre and Metro Connect Managed Wave; with Metro Connect Managed Wave only providing the diverse routes for DUB1/2 to DUB10 and DUB3/4 to DUB10.

RTT is <0.5ms for DUB1/2/3/4 routes and <1ms for routes to DUB10.

	Path	Distance Fibre	Distance Geographic
DUB1/2 to DUB3/4	T50 Route	9km	5.3km
	Canal Route	8km	
DUB1/2 to DUB10	West	25km	8.8km
	East	31km	
DUB3/4 to DUB10	West	24km	10.58km
	East	37km	

Dublin

Clonshaugh Campus — DUB11 DUB12

Blanchardstown Corporate Park — DUB10

30 km / 31 km / 24 km / 25 km

Grange Castle Campus — DUB3 DUB4

8 km / 8.7 km

DUB1 DUB2 — Parkwest Campus

DUB13 DUB14 — Profile Park Campus

PLATFORM ATTRIBUTES
- Data Hub
- Network Hub
- Control Hub
- Lit Fiber Connectivity
- Lit & Dark Fiber Connectivity
- Dark Fiber Connectivity
- 100G Available
- XYZ1 Under Construction
- Third Party Facility

About Digital Realty Digital Realty brings companies and data together by delivering the full spectrum of data center, colocation and interconnection solutions. PlatformDIGITAL®, the company's global data center platform, provides customers with a secure data meeting place and a proven Pervasive Datacenter Architecture (PDx®) solution methodology for powering innovation and efficiently managing Data Gravity challenges. Digital Realty gives its customers access to the connected data communities that matter to them with a global data center footprint of 300+ facilities in 50+ metros across 25+ countries on six continents.

To learn more about Digital Realty, please visit **digitalrealty.com** or follow us on **LinkedIn** and **Twitter**.