

Guaranteed high bandwidth across new routes with B-Spectrum

Explore the advantages of our high-capacity, cost-efficient alternative to lit services and dark fiber

With Managed Spectrum from Batelco, you can connect nationwide locations with high-bandwidth networking.

Equivalent to a slice of dark fiber, Managed Spectrum gives you a way to retain network control, achieve performance demand, and light your route faster. Minus the capital cost and operational overhead of building, managing, or maintaining your own network.

Spectrum is ideally suited for hyperscaler services and data center-to-data center connections.

The added advantages of Managed Spectrum

**Cost-efficient**

Reduce acquisition fees and get the advantage of flexible CAPEX/OPEX

**Better ROI**

Leverage your existing assets to ensure previous expenditure is not wasted

**Quick time-to-market**

Cut out the need for dark fiber, real estate or new line systems

**Network control**

Gain the scalability and oversight of dark fiber without the high costs

**More flexibility**

Add, remove or change the wavelength to match business needs

**Easy to manage**

Benefit from a simpler operational model for network expansion

**Future-proofed**

Supported by an extendable optical network to match bandwidth upgrades

Why Batelco?
Your gateway to
the GCC/Middle East

Requirement for
Terabits +
high capacity

1000+
kilometers
of fiber

40+ years
of operation
and experience

Managed Spectrum: How it works

We partition optical spectrum in an existing optical fiber pair for individual organizations.

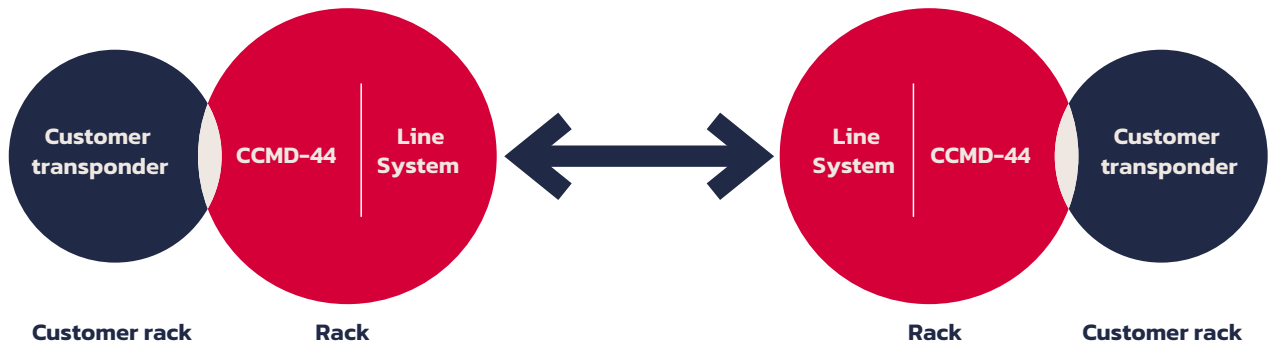
This dedicated <virtual> fiber pair offers capacities greater than just a few wavelengths but without the huge investment required in a full fiber pair.

Managed Spectrum from Batelco offers the added advantage of security and resilience through operational management from an expert team.

Managed Spectrum is available via 6.25GHz fixed channel widths with access to the optical core network based on DWDM technology.

(including fiber, ROADM nodes and amplification infrastructure).

Batelco's Managed Spectrum platform provides consistent wavelengths over a broad choice of modulation schemes: QPSK, 8QAM or 16QAM.



Technical specifications

- Optical Spectrum analysis and measurements included.
- Spectrum available for most routes.
- Guarding mechanism from co-existing services.
- 6.25GHz fixed channel widths.
- Fully managed and unmanaged options available.

About Batelco

Batelco is a technology group born in Bahrain with more than 40 years' experience in the provision of public and private communications infrastructure. By partnering with optical services partner, Ciena, we continue to offer businesses in the region more choice in meeting the demand for high-bandwidth services.

Already have two
locations in mind?
Find out more at
Batelco.com