

OPTICAL

DWDM wavelengths

A dedicated channel across our optical layer between two European metros.
 No shared packet layer, no contention.

RATES	GRID	PROTECTION	ALIEN WAVES
10–400G	Fixed / flex	1+1	Yes
Client interfaces	Route dependent	Where diverse routes exist	Bring your own transponders

Key capabilities

An engineered optical layer

Channel plans, launch levels and margin are ours to specify, and we hold the capacity on the corridors we run, so adding a channel is provisioning rather than construction.

Latency you can verify

Quoted per route from the actual fibre length, not a straight-line estimate.

Alien wavelengths

Run your own transponders into our line system where the route supports it.

Optical monitoring

Per-channel optical power and pre-FEC BER visible in the control panel.

BACKBONE LATENCY, ROUND-TRIP

AMSTERDAM ↔ LONDON	5.40 ms	AMSTERDAM ↔ FRANKFURT	5.75 ms
LONDON ↔ PARIS	7.10 ms	FRANKFURT ↔ MILAN	8.30 ms
FRANKFURT ↔ VIENNA	10.90 ms	FRANKFURT ↔ SOFIA	21.90 ms

TECHNICAL SPECIFICATION

CLIENT INTERFACES	10GBASE-LR, 100GBASE-LR4, 400G ZR and ZR+ subject to reach
LINE SYSTEM	Amplified DWDM, channel plan and margin engineered by Aristo Networks
CHANNEL SPACING	100 GHz fixed grid, flex grid on selected routes
PROTECTION	1+1 optical protection on routes with physical diversity
MONITORING	Optical power and pre-FEC BER per channel
HANDOFF	Single-mode LC, cross connect arranged by us

COMMERCIAL

PRICING	Tailored to the corridor, the rate and whether the channel is already lit
TERMS	12 to 60 months
LIT CORRIDORS	Amsterdam–Frankfurt, Amsterdam–London, Frankfurt–Paris, Frankfurt–Vienna, Paris–Marseille, Milan–Vienna, Vienna–Sofia

The network behind it

CORE METROS	FACILITIES	EXCHANGES	CARRIED DAILY
8 Amsterdam, London, Frankfurt, Paris, Vienna, Milan, Marseille, Sofia	35 All on-net, listed in our PeeringDB record	16 Open peering, 400G at AMS-IX and DE-CIX	50+ PB Across the backbone

Where you need capacity now and fibre later, wavelengths can be converted to a dark fiber lease on the same route.

Talk to an engineer

Send the sites, the speed and the term. You get a technical answer and a price, usually the same working day.

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