

Low latency hollow-core cables



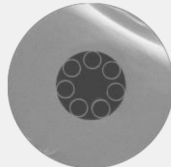
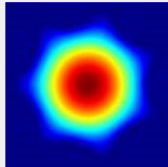
Eye Diagram (Transmission)
10Gb/s NRZ, L=100m

- Low latency data transmission
- Light travels 50% faster than in solid core fibers (+ 1.7 μ s/km)
- High bandwidth transmission
- Low loss (<10dB/km @1550nm)
- Indoor/outdoor cable and termination
- Inter server distance: from few meters to kms
- Easy to integrate into existing networks
- Operating from -40°C to +60°C
- Traction: 1000N
- Custom lengths, number of fibers, connectors...



- Telecom networks
- Financial trading
- Data centre
- 5G mobile networks
- Cloud computing
- Quantum com.

ARF : Anti-Resonant Fibers



Optical signal in the fiber propagates in an air core surrounded by single ring of anti-resonant tube elements

Example of fiber terminations

