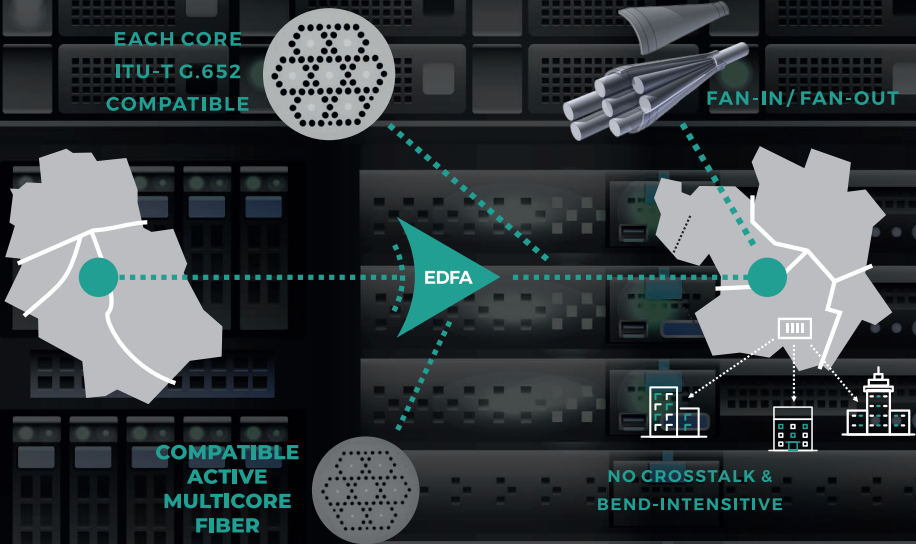


# NEXT GENERATION HIGH THROUGHPUT OPTICAL FIBERS



Overcome the telecom capacity crunch  
with our **7-times faster multicore fiber**  
for a denser network topology





## DATA CENTERS

- Increased data throughput.
- High space efficiency, featuring more channels per cm<sup>2</sup>.
  - Lower energy consumption, and costs reduction.
  - More efficient and denser data centers.



## 5G NETWORK

- Increased network capacity with our MCF.
- Entire MCF network topology, avoiding bottlenecks.

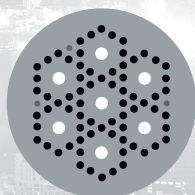


## FIBERS FOR SPACE

- Robust and improved satellitale solutions with our hardened MCF, made to withstand the extreme radiation of the outer space.
- Reliable all optical fiber amplifier based on our active MCF.

# OUR SOLUTIONS

## MULTICORE FIBER



- 7-cores in the diameter of a SMF
- Each core is single-mode, being fully compliant with existing single mode fiber recommendations
- The air-holes guarantee no cross-talk between cores, as well as ensuring bend-insensitivity

## ACTIVE MULTICORE FIBER

- All-optical MCF amplifiers are now a reality thanks to our Erbium-doped multicore fiber

## FAN-IN/FAN-OUT

- All-fiber FAN in
- Independent and easy access to each core
- Low losses

