



Enterprise Buildings



Enterprise Buildings are used by companies that require dedicated space for administrative, commercial, technical, or logistical operations. These buildings range from corporate headquarters to operations centers.

We have extensive experience with various types of **Enterprise Buildings**, including:

1. RETAIL AND E-COMMERCE COMPANIES

- Distribution Centers
- Stores
- Franchises

2. OFFICE BUILDINGS

- Business Centers
- Office Buildings
- Coworking Spaces
- Business Hubs

3. CALL CENTERS

What is an **Enterprise Building?**

The Enterprise Buildings Sector and its Infrastructure

Enterprise Buildings are becoming increasingly essential in the modern business world. With the growth of digital commerce, the expansion of hybrid work, and the need for more efficient operations, these buildings have evolved into highly technological spaces, where **connectivity and structured cabling infrastructure (ICT)** play a critical role.

Currently, corporate spaces represent one of the largest segments of the commercial real estate market. The demand for modern Enterprise Buildings, business hubs, and distribution centers has significantly increased, driven by the growth of e-commerce, the digitalization of services,

and the need for collaboration among globally distributed teams. It is estimated that in the coming years, the corporate building sector will continue to expand, with a strong focus on flexible, sustainable, and technologically advanced infrastructures.



Connectivity is no longer just a matter of convenience, it is an operational necessity

With the increased adoption of IoT (Internet of Things), smart security systems, automation, and high-speed networks, **Enterprise Buildings** require a robust and efficient ICT infrastructure. Studies show that **80% of companies consider connectivity quality a key factor when choosing a workplace, and buildings with advanced network infrastructure can achieve up to a 20% higher valuation in the real estate market.**

Furthermore, with the rise of remote work and corporate mobility, structured cabling solutions and fiber optic networks have become essential to ensure efficient, secure, and future-ready data flow. Companies that invest in technologically well-equipped Enterprise Buildings achieve greater productivity, operational efficiency, and digital security.

In this context of digital transformation, Enterprise Buildings are no longer just physical spaces—they are the core of innovation, collaboration, and business growth. Connectivity infrastructure is no longer optional, but a strategic investment to secure the future of companies.

80%

of companies consider the quality of connectivity a decisive factor when choosing a workplace.

Global Challenges in Enterprise Buildings

Studies show that up to **80% of IT managers face challenges in integrating heterogeneous systems**, and scalability is considered critical by around 65% of these professionals.

In addition, downtime in corporate environments can cost thousands of euros per minute, highlighting the urgency of stable and secure networks.

Despite technological advances, IT managers face complex challenges that demand innovative solutions:



Growing Pressure on Connectivity

The exponential increase in data volume and the integration of critical systems imposes high requirements for bandwidth and stability.



Digitalization and System Interconnection

The need to connect multiple systems – from cloud computing applications to communication and IoT platforms – requires flexible and integrated infrastructures.



Data Security and Protection

The intensification of cyber threats and the need for regulatory compliance heighten the importance of secure and resilient networks.



Energy Efficiency and Sustainability

With Enterprise Buildings being major energy consumers, implementing solutions that optimize energy performance is imperative.

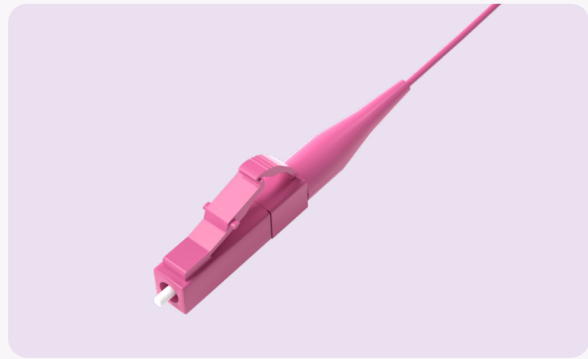


Scalability and Operational Continuity

The rapid pace of technological evolution demands infrastructures that adapt to change without compromising business continuity – where each minute of downtime can incur significant costs.

barpa Solutions for Enterprise Buildings

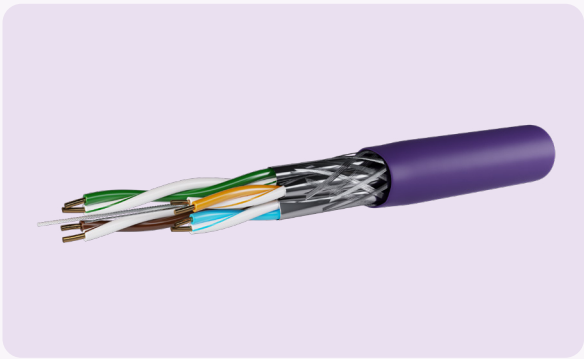
barpa develops a comprehensive ecosystem of structured cabling solutions tailored to the demands of corporate environments, ensuring high performance, security, and energy efficiency. Our solutions are designed to support critical operations and system interconnection in an increasingly digital and competitive market.



OM4 and OS2 Fiber Optic Solutions for Vertical Distribution

Designed to serve as high-speed backbone connections, these solutions ensure efficient interconnection between buildings and critical areas.

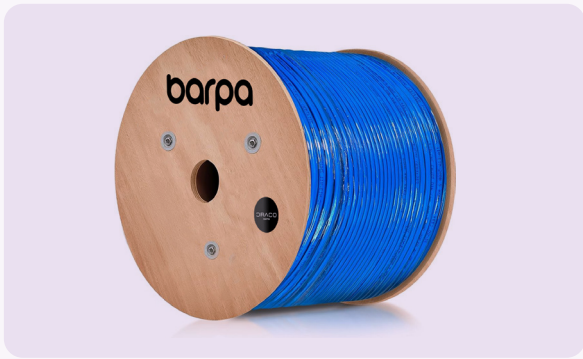
- ✔ Support for 10G, 40G, and 100G networks, with low latency and high performance.
- ✔ Immunity to electromagnetic interference (EMI) and low signal attenuation, enabling long-distance transmissions without quality loss.
- ✔ Multiple cable construction configurations to suit building layouts and specifications.



Copper Cabling Solutions for Distribution and Backbone

barpa provides Cat6A and above copper cabling, ideal for high-bandwidth applications such as videoconferencing, VoIP systems, and data-intensive networks.

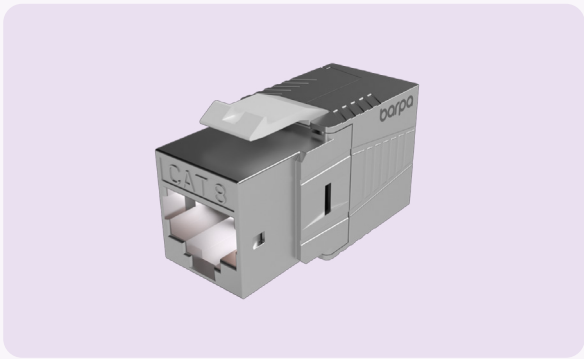
- ✔ Independent laboratory certifications of channels and permanent links ensure superior performance, even in high-traffic environments.
- ✔ Various shielding options (U/FTP, S/FTP) reduce electromagnetic interference, essential for sensitive equipment environments.
- ✔ Support for PoE (up to 100W) ensures safe power supply to critical devices like security cameras and Wi-Fi access points.



Energy Efficiency and Sustainability CPR Cca and B2ca Cables

Safety and energy efficiency are essential pillars for Enterprise Buildings.

- ✔ Low fire propagation and low emission of smoke and toxic gases (LSZH) ensure a safer and more sustainable environment.
- Multiple construction types are available
- ✔ in barpa's solutions, allowing adaptation to building demands.



Ease of Installation and Maintenance Reduction of CAPEX and OPEX

With innovations such as screwless fiber optic adapters and RJ45 tool-less modules, barpa ensures fast and hassle-free installation.

- ✔ Possibility to redo connections in case of error, promoting greater efficiency and reducing waste.
- ✔ Solutions are designed for easy installation, minimizing errors and improving speed and quality of deployment.



Rack Solutions for Data Centers and Technical Rooms

Our racks and enclosures are designed to organize, ventilate, and protect critical equipment, adapting to varied space requirements.

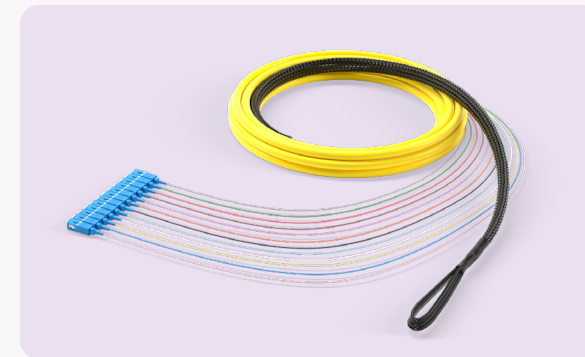
- ✓ Multiple formats – From floor-standing to wall-mounted racks, with different load capacities (800kg to 1500kg).
- ✓ Optimized thermal management reduces overheating risk and ensures operational efficiency.



MPO/MTP - Speed and Efficiency in Corporate Network Expansion

Ideal for data centers and high-density environments, our MPO/MTP connectors allow simultaneous termination of multiple fibers, speeding up implementation and enabling future expansion.

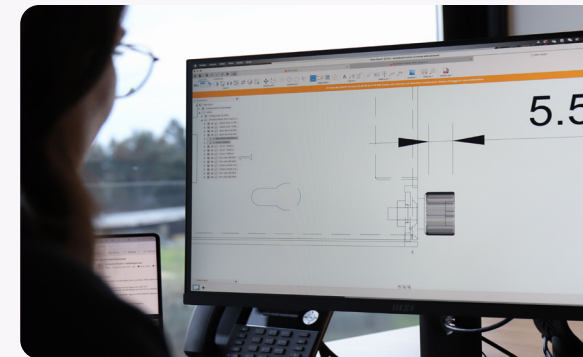
- ✓ Up to 90% faster installation and fewer failure points, increasing network reliability.



Pre-Assembled Fiber and Copper Solutions

To accelerate implementation, barpa offers pre-assembled solutions that ensure speed and installation precision.

- ✓ Reduced installation time. Up to 60% faster, minimizing errors and costs (CAPEX and OPEX).
- ✓ Production quality that reduces field issues, ensuring a robust and reliable network.



Custom Solution Development

Our Research and Development (R&D) team is ready to understand the specific needs of each project, designing customized solutions that guarantee maximum performance and scalability.

Benefits of choosing barpa

Working with barpa means:

Certified and Future-Ready Solutions

Robust and scalable infrastructures, built to meet the demands of today's market and tomorrow's challenges.

Secure, Efficient, and Sustainable Networks

Proteção avançada contra ciberataques e otimização dos recursos energéticos.

Fast Installation and Reduced Operational Costs

Agile processes that minimize downtime and maximize efficiency.

Specialized Technical Support

An experienced team ready to develop custom projects and solve specific challenges.

Ready to move forward?

Schedule a meeting with our commercial team and discover how we can optimize your building's connectivity and efficiency!

✉ info@barpa.eu
🌐 www.barpa.eu

barpa

Reference Projects by barpa in Enterprise Buildings

barpa has been involved in Corporate Building projects that demand not only high connectivity and performance, but also reliability and scalability to support intensive operations.

Our experience in structured network infrastructure for large Enterprise Buildings allows us to deliver **solutions tailored to the specific needs of each client.**



Leroy Merlin

Efficiency and
Connectivity in Retail

One of the largest DIY and construction retail chains required a **network infrastructure capable of supporting store operations, stock management, and payment systems** without failures. barpa was chosen to provide a structured cabling solution that guarantees:

In an environment with high customer traffic and operational demands, Leroy Merlin's ICT infrastructure, supplied by barpa, ensures **operational efficiency and an optimized experience for consumers.**

Learn more about this project:
Leroy Merlin - barpa

- ✓ **High performance and reliability**, essential for uninterrupted store operations.
- ✓ **Stable connectivity** to support management and security systems.
- ✓ **Scalability**, allowing future adaptations to meet the group's evolving needs.



Torrestir

Network Infrastructure
for a Logistics Giant

Torrestir, one of the leading transport and logistics players in the Iberian Peninsula, needed a **high-performance connectivity infrastructure** to support its vast operational network. The solution implemented by barpa delivered:

- ✓ **A robust fiber optic network** to streamline communication between departments and warehouses.
- ✓ **Efficiency in data management and logistics tracking**, ensuring greater real-time visibility.
- ✓ **Security and stability**, essential for a sector that relies on precise and uninterrupted operations.

Our experience in **logistics centers and warehouse** solutions enabled **Torrestir to optimize its processes and ensure reliable connectivity for its operational systems.**

Learn more about this project:
[Torrestir - barpa](#)

barpa is a company specialized in highperformance connectivity infrastructures, delivering **fiber optic and structured cabling solutions across multiple sectors, including healthcare, hospitality, industry, commercial buildings, data centers, smart buildings, and more.** With a strong commitment to proximity, quality, and innovation, barpa provides resilient and secure infrastructures that ensure uninterrupted connectivity for a wide range of applications.

Our purpose is clear:
Unite humanity through telecommunications across generations and to become one of the most influential companies in the sector globally.

As a brand of the Argon Group, active in the market since 2001, we demonstrate sustainable growth, backed by multiple certifications and awards in management, environmental, and financial areas.



What Sets Us Apart

At **barpa**, we believe that the combination of experience, innovation, and closeness to our clients is what makes us a trusted partner for structured cabling infrastructure. Our commitment to quality, customization, and sustainability is reflected in everything we do, delivering high-performance solutions for the most demanding sectors.

MARKET REPUTATION

barpa has earned a strong and trustworthy market position, recognized for its quality, reliability, and commitment to clients. Our industry experience allows us to deliver solutions that meet and exceed market expectations.

CLIENT PROXIMITY

We value partnership relationships and continuous support. Our team is always available to understand challenges, propose tailored solutions, and provide the best support before, during, and after each project.

TECHNICAL EXPERTISE AND CUSTOMIZATION

We have a highly specialized team and flexible processes that allow us to develop and produce solutions tailored to each client's needs. We don't just deliver products; we provide solutions adapted to each infrastructure.

R&D AND INNOVATION FOCUS

Our Research and Development (R&D) team constantly works on creating next-generation technology solutions, ensuring our products meet the demands of an ever-evolving market.

SUSTAINABILITY AND EFFICIENCY

We are committed to ecological and efficient solutions, reducing waste and optimizing resource use. This is proven by our ESG Committee and internal Turn Green initiatives.

MOTIVATED AND PROACTIVE TEAMS

barpa's success is driven by our highly motivated teams, focused on excellence and client proximity. We value a culture of proactivity and continuous improvement in pursuit of our mission.



Support and Partnerships

Production



At barpa, we believe that production with quality and cost efficiency are key to success.

That's why we guarantee excellence standards in all our solutions, from the development phase through to final production.

We rely on a global production network, through strategic partnerships in several parts of the world, ensuring the best technology, efficiency, and scalability to meet sector demands.

All production is rigorously controlled by our team, ensuring certified quality, compliance with international standards, and total product reliability.

With this approach, we develop innovative, competitive, and adaptable solutions aligned with the highest technical and safety requirements.

Logistics



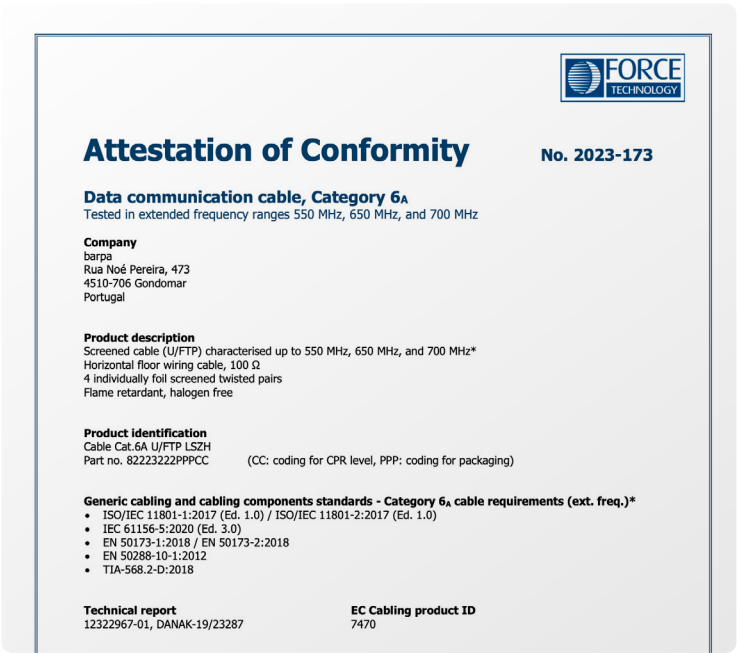
At barpa, we know that logistics efficiency is essential to ensure that infrastructures have access to the best connectivity solutions without delay.

Our distribution center in Portugal allows us to manage orders efficiently and ensure rapid deliveries worldwide. Our team closely follows the entire logistics process, from dispatch to final delivery, ensuring transparency, predictability, and continuous support.

We work with strategic logistics partners to deliver flexible solutions tailored to client needs.

With barpa, you can count on fast order management, continuous tracking, and dedicated support—ensuring your projects never stall due to material shortages.

Quality



At barpa, quality is the foundation of everything we do.

From development to production and delivery, we ensure each solution meets the highest technical and reliability standards.

Each product undergoes rigorous quality control processes, ensuring performance, durability, and compliance with international standards.

Our client-centric focus allows us to deliver customized solutions that build confidence and satisfaction in every project.

With barpa, our clients know they can rely on certified, reliable solutions ready to meet infrastructure challenges.

Our commitment to excellence is reflected in customer satisfaction, with an NPS (Net Promoter Score) rating of 9.4.

At barpa, we believe in the quality, reliability, and durability of our structured cabling solutions. That's why we offer an exclusive 25-Year Warranty Program for certified barpa integrators, ensuring maximum security and performance of installed infrastructures.

- By joining the program, integrators gain access to:
- ✓ Full 25-year coverage on the performance and certified solution components.
 - ✓ Compliance assurance with international standards and guaranteed performance for future applications.
 - ✓ Specialized technical support for project implementation and infrastructure certification.
 - ✓ Market differentiation, offering end clients a validated and long-lasting installation.

barpa works in partnership with integrators to ensure each project is delivered with certified quality, providing reliability and added value for clients in the most demanding sectors.

Want to become a Certified barpa Integrator and offer 25 years of warranty on your installations?

Get in touch with us and discover all the advantages of the program!

barpa

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