

 CABLING SOLUTIONS

## Cabling Solutions That Are Designed To Last.

The life expectancy of your cabling infrastructure is far greater than that of any of the hardware that you will connect to it. Planning and thinking ahead in a well designed, correctly installed standards compliant cabling system, backed by a comprehensive warranty programme with an organization that can deliver top quality ongoing support is the best way of maximizing this investment and serving for future needs.

At PW Comms the cabling infrastructure is considered to be the most important part of the network, the essential building block without which a system may fail to function properly or at optimum efficiency. That is why PW Comms has invested heavily in accreditations and qualifications for all its engineers.

When dealing with PW Comms, the customer will always benefit from wealth of skills and experience with projects coordinated with the mentality to do things right and not just to get things done.

PW Comms recognizes that flexibility needs to be built into a design right from the start. Whatever the architecture of the buildings, new to listed, the design will be a practical, cost effective solution and with PW Comms expertise within the voice and data markets will ensure your cabling network will support converged network solutions.

### 50% of Network Problems are due to problems with Cabling!

Your network is only as good as its weakest link. If your cabling cannot handle the increased demands placed upon it, your investment is wasted and your business suffers.

PW Comms offer comprehensive, cost-effective solutions which cover everything from planning, specification, design and project management to delivery and ongoing support from our highly skilled service team.

By continuing to work with the best-of-breed manufacturers in all key networking and disciplines, we integrate the right networking products and capabilities to deliver convergence and the tightest performance for today's business.

### Structured Cabling

The standards that dictate performance levels of structured cabling systems are published by the International Standards Organisation (ISO) and the American based Electronic Industries Association / Telecommunications Industry Association (EIA/TIA). As the bandwidth and performance needs of the users have developed and increased so have the cabling standards designed to support them.

Cat5e                      Cat6  
Cat6A                     Cat7  
Fibre Optic              Wireless

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### Fibre Optic Cabling

Traditionally considered as a backbone or campus media, recent developments in both cost and ease of installation coupled with the increasing cost of copper then fibre to the desk as the ultimate bandwidth provider is becoming more widespread. PW Comms experience and expertise in the different standards for design and fibre componentry ensure the fibre infrastructures we implement for our customers deliver the benefits the business is looking for.

With new multi mode technology providing increasing speeds over great distances, previously only available on single mode fibre, the adoption of fibre is set to grow significantly.

PW Comms deliver fibre cabling solutions to meet all your LAN requirements, from single buildings to complete campus-wide backbones. Our solutions meet all the current standards and are fully tested and documented. These cabling solutions can be delivered as an integral part of a complete warranted solution or as a specific standalone solution with a comprehensive OTDR testing and documentation pack.