

Brand-Rex Fibre Optic Cabling Systems

Brand-Rex is a major supplier of structured cabling systems for data networks and a world leader in cabling solutions.

The increasing deployment of Gigabit and more recently 10 Gigabit Ethernet in today's networks is driving the explosion of optical fibre to provide the higher backbone capacity required. Similarly the deployment of Ethernet beyond the LAN supporting the increasing roll out of broadband connections to the business and the home continues to drive fibre deeper into the wider communications networks.

Brand-Rex fibre optic systems have consistently delivered high quality optical solutions, and deliver a range of optical fibre options, affording the best performance available from the standardised fibre types. A broad and complementary range of connectors and patch panels enable end to end systems to be designed.

The range of Brand-Rex optical fibre solutions include:

Fibre Optic Cables – a comprehensive range of optical cable designs including tight buffered and loose tube suitable for backbone, campus and horizontal environments with fibre counts to meet the end user requirements from 1 to 288. The Blolite+ air blown fibre units, which can be installed into a range of microducts, (8mm, 5mm and 3mm) provide future proofing network solutions. Internal cables are made from halogen free materials providing fire performance, external cables come in a range of constructions to suit installation methods from pulling into ducts, direct bury to air blown assisted microcables. All cables are fully tested to international standards. Standards define classifications for different grades of fibre optic cable. These classifications denote performance characteristics and should be considered when designing and planning systems. Brand-Rex cables incorporate any of the classifications shown below:

- OS2 – Singlemode 9/125 Fibre (G.652D)
- OS1 – Singlemode 9/125 Fibre (G.652B)
- OM1 – Multimode 62.5/125 Fibre
- OM2 – Multimode 50/125 Fibre
- OM3 – Multimode 50/125 Fibre

Fibre Optic Connectors, Patch Cords and Patch Panels

Connector choice will be determined by the equipment to which your fibre network is being connected to. From the established ST and SC variety through to space saving 'small form factor' versions such as MTRJ and LC, and time saving MPO solutions. Brand-Rex can offer connectors, patch cords, pigtails and patch panels to suit simple panel to panel applications through to high density data centre applications.

System Warranty

Brand-Rex offers a comprehensive 25 year product and systems application warranty for all fibre links installed by accredited partners.

