



# fibre optic products

Since 1954, Richco's innovative approach in the fixings and fastenings industry has enabled them to maintain their excellent reputation for the design and manufacture of standard and custom designed, highly specialised plastic components. Richco has an extensive range of fibre optic products which meet the requirements of telecomm and data comm applications at all levels of fibre optic equipment, ranging from fibre management at PCB level, fibre optic storage, protection and installation through to the use of fibre optics in the car.

Richco provide solutions for space saving, reliability and signal transmission. Richco has been selected by the relevant key members of the MOST™ committee for data transmission and fibre protection in the car. Richco's fibre optic products offer a complete solution to the problem of managing fibre optic cabling, from the point of breaking into the armoured cable, right to the user's desk. They aim to give both the installer and user total peace of mind that fibre optic cabling is protected at all times in all circumstances.

Richco's most recent product innovation to be introduced into the fibre optic market is its patented Miniflex™ system of protective bend limiting tubing. Fibre protection is especially important in the routing of fibre in racks, patch panels, buildings and to

## **RICHCO'S MOST RECENT INNOVATION IS BEND LIMITING TUBING, WHICH OFFERS EXCEPTIONAL CRUSH AND SHOCK RESISTANCE, PROTECTING THE FIBRE FROM SIGNAL LOSS AND ACCIDENTAL DAMAGE**

the termination point. The prevention of signal loss through over bending, kinking and crushing fibre can be overcome if their unique patented bend limiting tubing is used. Their product offers the flexibility to prevent the over bending of fibre in the application and will give a constant bend radius of 30mm. Richco's bend-limiting tubing also offers exceptional crush and shock resistance, protecting the fibre from signal loss and accidental damage as a result of routine maintenance.

A range of fittings and adapters are available for use with their bend limiting tubing and allows fibre routing management, patching, reconfiguration and rough handling to occur repeatedly without fibre breaks or unintentional transmission loss. Richco's bend limiting tubing is made from polypropylene is available in a 5mm and 6.3mm diameter, and can be produced to any length. It is also available in a pull cord version to ease fibre threading and in a split version to assist in retrofitting to existing installations. A Richco zip tool can be used to aid the fibre threading process. The internal surface of the tubing is smooth to prevent the fibre 'catching' when it is being threaded.

Richco's new Fibre Optic Management Catalogue will be available in Autumn 2002 which gives full technical and application details of their product range. •

### **FOR MORE INFORMATION, PLEASE CONTACT:**

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