# Uni-Boot Design Fibre Optic Cable

## Description

As the networking environment of today becomes increasingly dependent on high speed and high density solutions, effective cable management is a real issue. The key concern is how to manage more cable in a smaller amount of space.
Our uniboot fibre patch cord reduces cable management space by 50% compared to standard patch cords. The body of the connector also prevents users from altering the polarity of the patch cord. The patch cord utilises a special "round duplex" cable that allows duplex transmission within a single 3mm cable. As a result of these unique features our uniboot patch cord offers improved airflow and visibility of equipment within a high density network environment.
Our uniboot patch cord is available in a wide variety of cable styles including LSZH, Plenum and Riser.
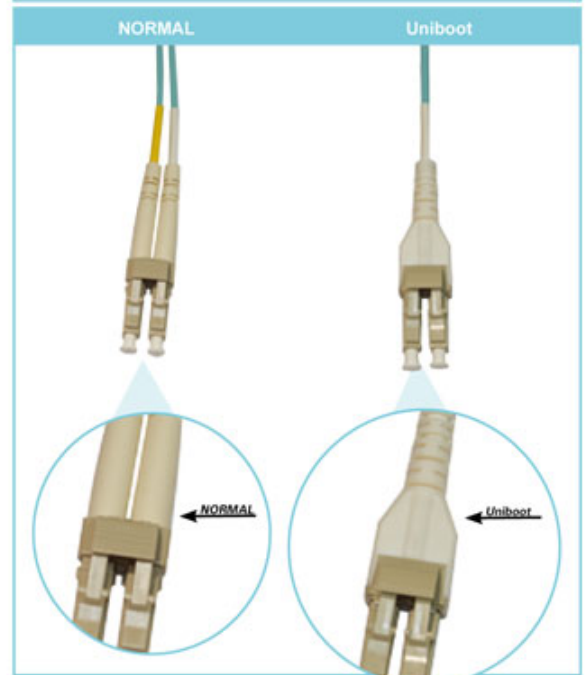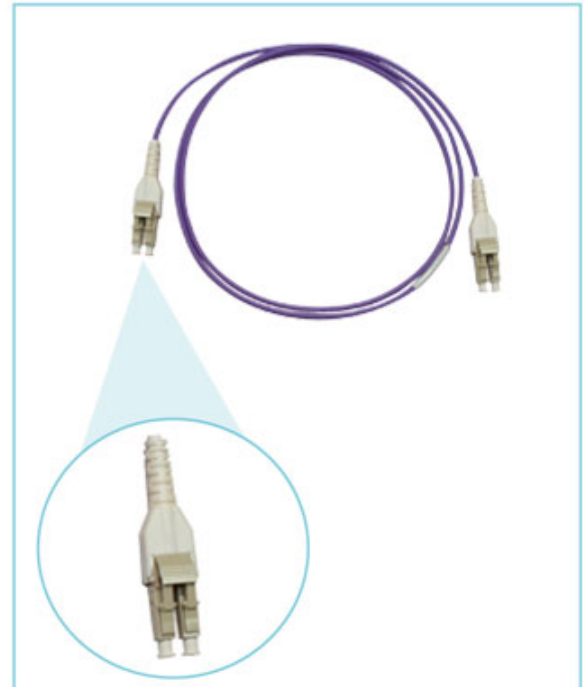
## Features / Benefits

► **Full duplex in a single 3mm cable**
► **Available in OM1, OM2, OM3, OM4 and OS1/OS2 cabled fibre types**
► **Available with LSZH, Plenum and riser rated cable**
► **Cost effective**
► **Save 50% of space in cabinets and cable ways**
► **Protects network polarity**

## Connector Specification

| OPTICAL PERFORMANCE MULTIMODE | SM | MM | CONFORMANCE |
|---|---|---|---|
| Insertion loss (MAX/ ACEPTANCE) | 0.25 dB | 0.25 dB | IEC 61300-3-4 |
| Insertion loss (97%) | 0.40 dB | 0.40 dB | IEC 61300-3-34 |
| Ave/Master | 0.18 dB | 0.15 dB | IEC 61300-3-4 |
| Ave/Random | 0.18 dB | 0.20 dB | IEC 61300-3-34 |

## Cable Specification

| CHARACTERISTICS | UNITS | ROUND DUPLEX |
|---|---|---|
| Cable Material | | LSZH |
| Strength Member | | Aramid |
| Crush | N100mm | 1000 |
| Operating Temperature | °C | -20 to 60 |
| Secondary Buffer Diameter | µm | 900+50 |
| Minimum Bending Radius | mm | 10D (installed) 20D (loaded) |



NORMAL          Uniboot