

## FEATURES AND SPECIFICATIONS



## Optical Fibre Patch Cords Uniboot LC Low Loss, LS0H

### Features and Benefits

The Uniboot LC Low Loss Patch Cords are slim-line patch cords, ideal for high density/high speed applications. Using a uniboot patch cord provides a 50% space saving when compared to traditional optical patch cords.

Ideal for Data Centre, SAN, Enterprise/ Campus and Telco central office applications.

- Full Duplex in a single 3mm cable
- Available in Low Loss OM3, OM4 and OS1/2 Fibre Types
- Available in LS0H (standard) or plenum
- Reduces space required in cable ways and racks improving access and HVAC performance

### Commerical Standards

ISO/IEC 1108:2008  
ANSI/TIA/EIA 568.C.3  
ANSI/TIA/EIA-492  
TELECORDIA GR-409  
ICEA-596

### Technical Information

#### Mechanical Characteristics

Mechanical Endurance: 500 matings  
Vibration: 10-55Hz, 0.65 amplitude  
Drop: Height 1m  
Cable Retention: Magnitude 50N  
Cordage Diameter: 3.0mm  $\pm$  0.1mm  
Buffer Diameter: 900 $\mu$ m  
Primary Coating: 245 $\mu$ m  
Jacket Material: LS0H IEC 61034-1 & 2, IEC60332-1, IEC60754-1 & 2  
Operating Temperature: -20°C to +60°C  
Colour:  
OS1/2 (9/125) Yellow  
OM3 (50/125) Aqua  
OM4 (50/125) Erica Violet

#### Electrical/Optical Characteristics

Singlemode OS1  
Maximum Insertion Loss/Master: 0.15dB  
Maximum Insertion Loss/Random: 0.30dB  
Return Loss: 55/65dB  
  
Multimode OM3 & OM4  
Maximum Insertion Loss/Master: 0.15dB  
Maximum Insertion Loss/Random: 0.25dB



## ORDERING INFORMATION

Order No.	SAP No.	Description
91.MM.372.YYYL0	Consult Molex	Optical Fibre Patch Cords, LC Uniboot-LC Uniboot, Multimode OM3, Low Loss, LS0H - Aqua
91.MM.472.YYYL0	Consult Molex	Optical Fibre Patch Cords, LC Uniboot-LC Uniboot, Multimode OM4, Low Loss, LS0H - Erica Violet
91.MM.872.YYYL0	Consult Molex	Optical Fibre Patch Cords, LC Uniboot-LC Uniboot, Singlemode OS1/2, Low Loss, LS0H - Yellow
91.3M.372.YYYL0	Consult Molex	Optical Fibre Patch Cords, SC-LC Uniboot, Multimode OM3, Low Loss, LS0H - Aqua
91.3M.472.YYYL0	Consult Molex	Optical Fibre Patch Cords, SC-LC Uniboot, Multimode OM4, Low Loss, LS0H - Erica Violet
91.3M.872.YYYL0	Consult Molex	Optical Fibre Patch Cords, SC-LC Uniboot, Singlemode OS1/2, Low Loss, LS0H - Yellow

Cable length can be customised. Insert required length in place of the YYY in the part number.

### MOLEX PREMISE NETWORKS

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