

## Duplex Jumper LC-LC Uniboot G657A1



### Description

The LC HD Uniboot Jumper has a long unlock latch, due to unlock in the easiest way in HD patchpanel. The Polarity or Coding of the Duplex connector can be changed in the easiest way that it can reach the requirements of the application. The Jumper is available in the categories OM3, OM4 and G657A1.

### General data

|                                |            |
|--------------------------------|------------|
| Fibre type                     | Singlemode |
| Category                       | G657A1     |
| Bend optimized fiber           | yes        |
| Number of fibres               | 2          |
| Anti-kink sleeve               | put-on     |
| Type of connector connection 1 | LC         |
| Connector colour 1             | blue       |
| Type of connector connection 2 | LC         |
| Connector colour 2             | blue       |

### Mechanical characteristics

|                               |       |
|-------------------------------|-------|
| Max. Tension                  | 160 N |
| Min. Bending radius (Static)  | 10xOD |
| Min. Bending radius (Dynamic) | 20xOD |

### Cable construction

|                    |           |
|--------------------|-----------|
| Cable type         | I-V(ZN) H |
| Cable Construction | Duplex    |
| Cable Ø            | 3.0 mm    |

### Cable sheath

|                     |        |
|---------------------|--------|
| Colour outer sheath | yellow |
| Jacket Material     | LSZH   |

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### Cable sheath

|              |                 |
|--------------|-----------------|
| Halogen free | acc. IEC60754-1 |
| Low smoke    | acc. IEC61034-1 |

### Environmental conditions

|                       |             |
|-----------------------|-------------|
| Operating Temperature | -20 – 70 °C |
| Storage Temperature   | -20 – 70 °C |

### Transmission characteristics

|                          |                      |
|--------------------------|----------------------|
| Insertion loss 1310nm    | <0,3 dB              |
| Quality class singlemode | B/2 acc. IEC 61753-1 |

### Standards, approvals, certifications

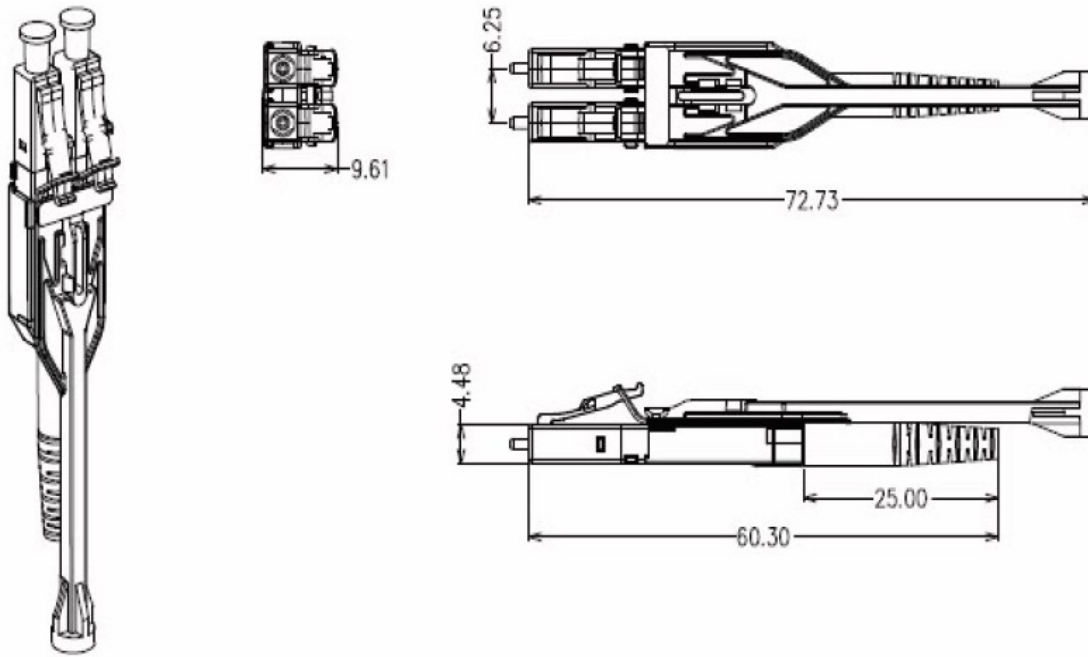
|                               |              |
|-------------------------------|--------------|
| Connector Conform to Standard | IEC 61754-20 |
| Cable Conform to Standard     | IEC 60793-2  |

### Available variants

| Article no.         | Title                                                                 | Length |
|---------------------|-----------------------------------------------------------------------|--------|
| DJP-LCLCOS2-UNI-0,5 | Duplex Jumper LC-LC, OS2, 0,5m with Push/Pull Tab, changable Polarity | 0.5 m  |
| DJP-LCLCOS2-UNI-1   | Duplex Jumper LC-LC, OS2, 1m with Push/Pull Tab, changable Polarity   | 1.0 m  |
| DJP-LCLCOS2-UNI-2   | Duplex Jumper LC-LC, OS2, 2m with Push/Pull Tab, changable Polarity   | 2.0 m  |
| DJP-LCLCOS2-UNI-3   | Duplex Jumper LC-LC, OS2, 3m with Push/Pull Tab, changable Polarity   | 3.0 m  |
| DJP-LCLCOS2-UNI-5   | Duplex Jumper LC-LC, OS2, 5m with Push/Pull Tab, changable Polarity   | 5.0 m  |
| DJP-LCLCOS2-UNI-7,5 | Duplex Jumper LC-LC, OS2, 7,5m with Push/Pull Tab, changable Polarity | 7.5 m  |
| DJP-LCLCOS2-UNI-10  | Duplex Jumper LC-LC, OS2, 10m with Push/Pull Tab, changable Polarity  | 10.0 m |
| DJP-LCLCOS2-UNI-15  | Duplex Jumper LC-LC, OS2, 15m with Push/Pull Tab, changable Polarity  | 15.0 m |
| DJP-LCLCOS2-UNI-20  | Duplex Jumper LC-LC, OS2, 20m with Push/Pull Tab, changable Polarity  | 20.0 m |

## Duplex Jumper LC-LC Uniboot G657A1

### Technical drawings

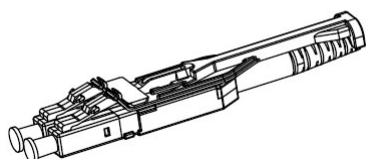
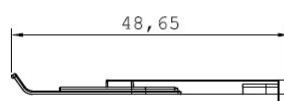
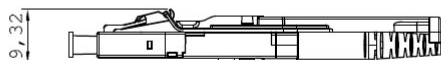
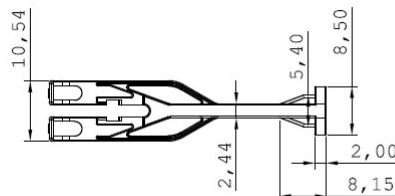
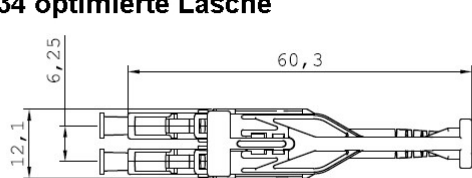


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### Technical drawings

#### Ab KW34 optimierte Lasche



| OM-Klassifikation ISO/IEC 11801                                            |         | OM1 | OM2 | OM3  | OM4  | OM5  |
|----------------------------------------------------------------------------|---------|-----|-----|------|------|------|
| Min. modale Bandbreite mit vollständiger Anregung aller Kernmoden [MHz*km] | 850 nm  | 200 | 500 | 1500 | 3500 | 4700 |
|                                                                            | 1300 nm | 500 | 500 | 500  | 500  | 2470 |
| Min. modale Bandbreite (effektive) Laser-Bandbreite [MHz*km]               | 850 nm  | n/s | n/s | 2000 | 4700 | n/s  |
|                                                                            | 1300 nm | 1.5 | 1.5 | 1.5  | 1.5  | 1,5  |
| Dämpfung [dB/km]                                                           | 850 nm  | 3.5 | 3.5 | 3.5  | 3.5  | 3,5  |
|                                                                            | 1300 nm |     |     |      |      |      |