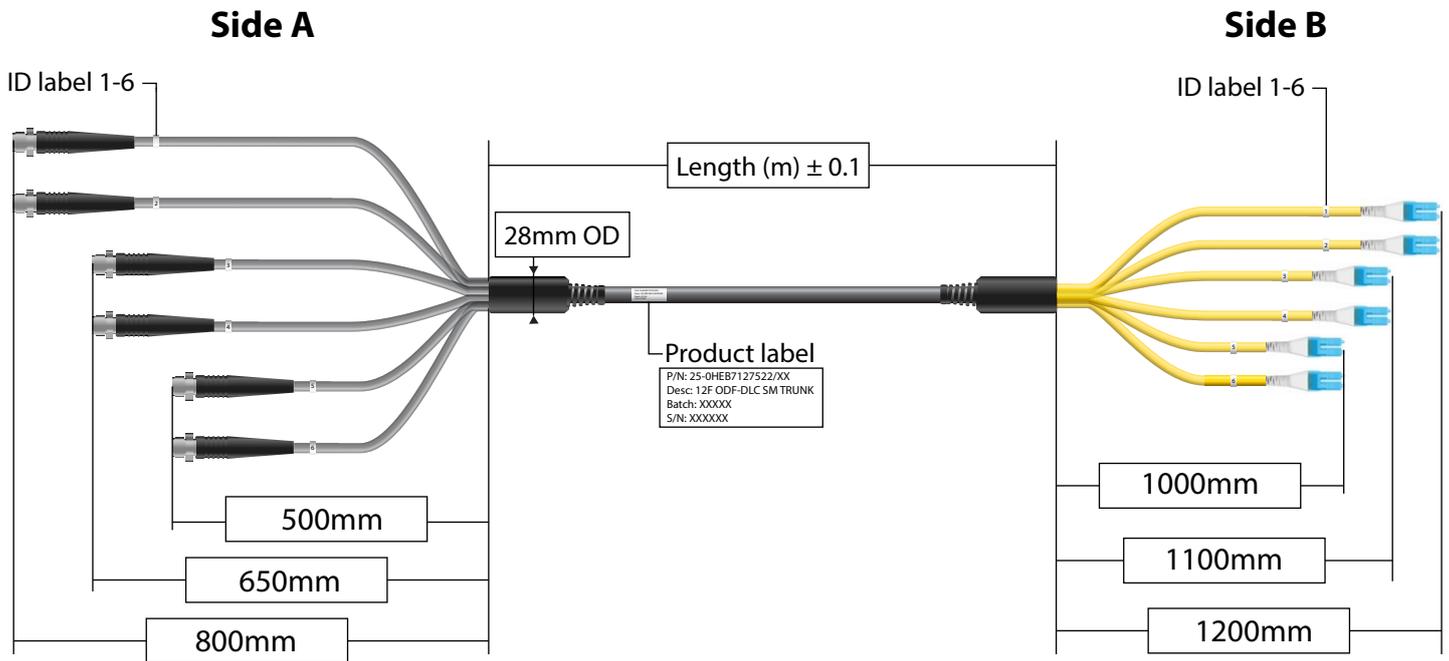




# Product specification

## 12F ODF-DLC SM TRUNK

### 25-OHEB7127522-Z/XX



## Description

Fibre optical assembly for the connection of base stations and remote radio heads in telecommunication applications. The cable jacket is LSZH and UV protected. The Outdoor Fibre (ODF) connectors on side A are IP67 rated and come with pulling socks for easy hoisting. The LC connectors on side B are packaged in flexible conduit for protection.

## Specification

General Specifications	
<b>Connectors Top</b>	6x ODF female, single mode
<b>Connectors Bottom</b>	6x DLC Uniboot, single mode
<b>Fibre marking Side A</b>	Identification labels numbered 1-6
<b>Fibre marking Side B</b>	Identification labels numbered 1-6
<b>Fibre breakout Side A</b>	28mm OD
<b>Fibre breakout Side B</b>	28mm OD
<b>Product Label</b>	Part no; Description; Batch no; Serial no
Optical Specifications	
<b>Cable</b>	12 Fibres 9/125 $\mu$ m single mode optical fibre according to ITU-T
<b>Fibre</b>	G657A1
<b>Cable Attenuation</b>	$\leq 0.35$ dB/km $\lambda = 1310$ nm $\leq 0.25$ dB/km $\lambda = 1550$ nm

The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general information purposes only.

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### 25-OHEB7127522-Z/XX

<b>Connector A</b>	ODF Female
<b>Insertion Loss</b>	Typical 0.25dB Max 0.50dB
<b>Return Loss</b>	Typical 50dB
<b>Connector B</b>	Duplex LC Uniboot
<b>Insertion Loss</b>	Max 0.30dB
<b>Return Loss</b>	Typical 55dB
<b>Mechanical Specifications</b>	
<b>Outer Diameter</b>	10mm ± 0.05
<b>Minimum bending radius</b>	Installation – 210mm Operation – 110mm
<b>Max. tensile strength</b>	Installation – 2700N Operation – 800N
<b>Fan-out minimum bending radius</b>	Single – Side A: 50mm; Side B: 30mm Repeated – Side A: 50mm; Side B: 30mm Max tensile Strength – 100N
<b>Environmental Specifications</b>	
<b>Operational temperature range</b>	-40° + 70°C
<b>Storage temperature range</b>	-40° + 70°C
<b>Installation temperature range</b>	-10° + 50°C
<b>RoHS/REACH</b>	compliant

#### Ordering information

When ordering please specify length and compatibility requirements:  
Z - A or B compatibility  
XX - Length

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