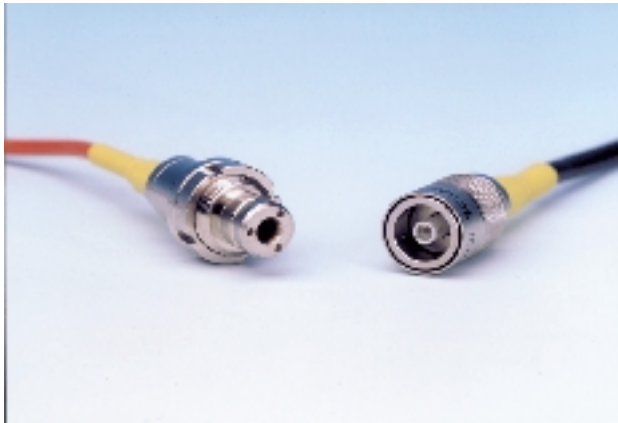


## Lens Push Pull Connector

MAIN CHARACTERISTICS



This product offers a smooth easy to mate optical connection in a small size design and allows use in harsh environments where high speed transmission links are required. The specific design of the lenses guarantees a large beam diameter and a low loss connection insensitive to dust and dirt.

### Technical description

- 1 channel Plugs and Bulkhead Receptacles .
- Rapid push pull coupling
- Large expanded beams
- Typical Insertion Loss: 0,8 dB @ 62.5/125 fibre 1300nm
- Durability : 500 mating/unmating cycles
- Operating Temperature : - 40°C; + 85°C
- Epoxy-polish ceramic ferrule terminations
- Cable retention by crimping

### Features

The Amphenol LPP Fibre Optic expanded beam connector is the combination of the CTOS well established lens technology with a push pull mechanical interface.

The mechanical interface is similar to the pushpull 1.6/5.6 RF connector and exists with plugs and bulkhead receptacles.

### Applications

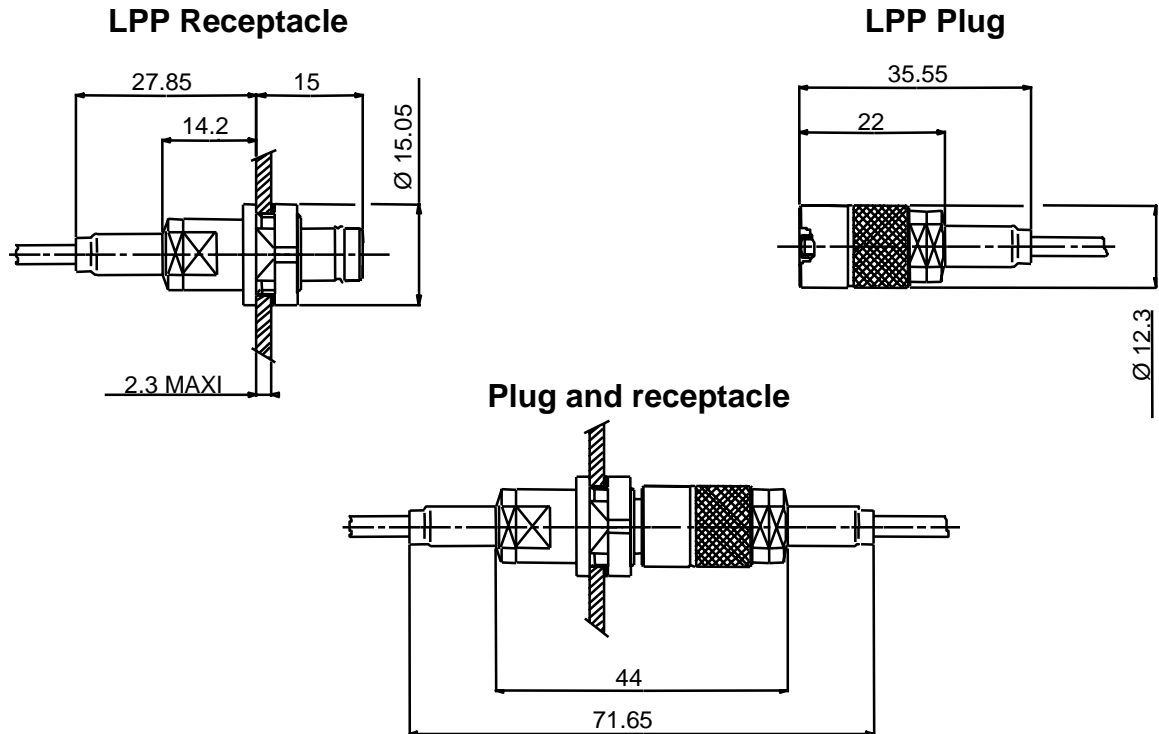
- Local area optical networks in dirty environments.
- Military Internal transmission links
- Measuring equipments
- Optical Sensors.

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# LPP

# 974 Series

## Line drawings (dimensions in mm)



## How to order :

**LPP - XXX - 00 - 1 - XX - X - XX**

LPP : 974 series						
Plug : 00 P						All cables are tight jacket. 28 : O.D. patchcord 2.8 mm 37 : O.D. cable 3.7 mm Other cables possible
Jam nut Receptacle : 00R						
Straight backshell : 00						Y : 1300 nm Z : 840 - 1300 nm
Number of channel 1 channel : 1						01 : 50/125 µm 02 : 62.5/125 µm

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