

## Datasheet

### 50/125 Optical Fibre Patchcords

RS Stock number 535-7222



#### Description:

Optical Fibre patchcords are a defining factor in ensuring your network performs to the highest level. A patch cord can be split into three key components;

- the connector
- the cable
- the manufacturing process.

These three areas all contribute to the performance of a patch cord, but it is the manufacturing process that defines the performance of the assembly.

#### Features:

- Multimode & Singlemode applications ST/SC/FC/LC/E2000/Mu connector types
- Ultra polish & angle polish options available, all terminations are manufactured to exceed performance parameters set by industry standards
- Tyco AMP approved UK manufacturing facility
- Fast turn around of non-standard requirements
- Full traceability & test certification supplied with each assembly
- 900µm tight buffered fibre optic cable



### Patchcord Specification

#### Mechanical

Length: 1m to 10m ± 10mm  
Other lengths available to order

Split Length (Duplex): 150mm ± 5mm

#### Product Packaging

Each patch cord is packaged individually and individually identified for traceability, test certification is supplied for each assembly.

### Optical fibre and cable performance

#### Attenuation (dB/km)

(850/1300) 2.8/0.8

#### Bandwidth (MHz.Km)

(850/1300) 500/500

#### Sheath colour

Orange

#### Strength Members

Aramid strength members

#### Fire Performance

LSZH for Internal/External Applications  
Flame Resistance IEC 60332-1

### Connector Specification

#### Optical Performance (Multimode)

Insertion loss: Max. 0.3 dB Typical 0.2 dB

#### Optical Performance (MT-RJ)

Insertion loss: Max. 0.5 dB

#### Operating Temperature

-40°C to +85°C

Intermateability Optically and mechanically compatible with all equivalent connectors.

Compliant with IEC 874-14.

For full information on the Optronics connectors used on the FibreFab patch cords, please contact the address below for a connector data sheet.