

Amphenol presents an innovative solution for fiber patching. The Traceable Fiber Patch Cord (TPC) product line is an effective solution for eliminating interconnect errors in dense interconnect environments. The TPC utilizes a positive light indication to identify the other side of the patch.

The Traceable Patch Cord is targeted toward high density and high congestion areas of the telecommunication fiber optic network. Areas of use spans across the network where passive and active fiber management elements are located.

## Features:

- LED Indicator at both ends of jumper
- Flashlight style tool to apply power to one end of jumper to easily identify the far end of a jumper in connected area
- Assemblies are available in singlemode and multimode OM3
- All assemblies meet TIA/EIA and IEC intermateability standards
- RoHS compliant
- Available in a wide variety of connector types and lengths
- Custom configurations available upon request, including multiple boot styles, colors and angle options.

## Benefits:

- Visual indication on each end of the jumper
- Eliminates errors due to mislabeling, missing labels or confusion in high density frames
- Reduced insertion loss while routing cable through congested fiber trough and tray, dense frames or between equipment
- Reduced OPEX cost by reducing installation, maintenance and trouble shooting time
- Simplify and speed up deployment and cross connect
- Eliminate errors during move and adds to fiber capacity

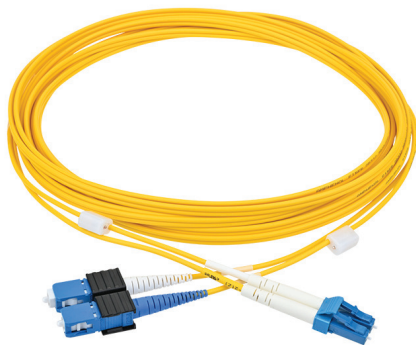


### Specifications

|                          |  |
|--------------------------|--|
| <b>Insertion Loss:</b>   | ≤ 0.15dB Typical, Singlemode<br>≤ 0.25dB Typical, Multimode  |
| <b>Return Loss:</b>      |  |
| <b>Durability:</b>       | < 0.2dB Change, 500 Mating Cycles  |
| <b>Temperature:</b>      | < 0.3dB Change, -40 to +85 °C  |
| <b>Intermateability:</b> | Amphenol connectors are mechanically and optically intermateable with industry standard connectors and adapters and conform to TIA/EIA, IEC, and Telcordia specifications.<br>*Performance is polish dependent |

### Ordering Information

| ABS Part Number | Description  |
|-----------------|--|
| 942-3449        | TOOL, POWER SOURCE, TRACEABLE TORCH STYLE, INCLUDE POWER LINE  |
| 942-97654-10002 | JUMPER, LC/UPC(D), TRACEABLE 2.1mm G657A1 ZIP, 1 LEG, 2m       |
| 942-97655-10002 | JUMPER, SC/UPC(D), TRACEABLE 2.1mm G657A1 ZIP, 1 LEG, 2m       |
| 942-97634-10002 | JUMPER, LC(D)-SC(D), TRACEABLE 2.1mm G657A1 ZIP, 1 LEG, 2m     |
| 942-98222-10002 | JUMPER, LC(D)-LC(D), TRACEABLE 2.1mm OM3, ZIP, AQUA, 1 LEG, 2m |



Jumper  
P/N 942-97634-10002



Torch and Power Cable  
P/N 942-3449