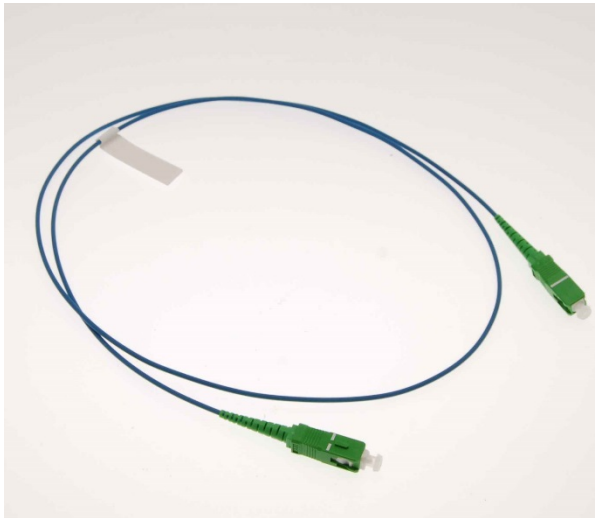


# PATCH CORDS, PIGTAILS and FANOUTTAILS - TSR 392+

Single mode



The optical performance connectivity are designed to meet standards and perform a wide selection of connector types including the most common hybrids (different connector combinations).

## FEATURES

- G657A2 fiber
- Halogen-free flame-retardant material (HFFR)
- Standard length intervals
- Supports APC style, and UPC style when hybrids

## APPLICATION

The TSR 392+ series are designed to meet the standards mainly used in access and telecom networks. **Angled Polished Connectors** and **Ultra Polished Connectors** ensures low insertion losses and back reflection.

## DESIGN

The TSR 392+ series is designed for indoor use, with an extended operating temperature range - 40°C to +70°C. This makes them very stable over time in various environmental conditions.

The patch cords are designed with Ø0.9mm buffered secondary coating and have a strength member of aramid yarn. Outer jacket is made of halogen-free flame-retardant (HFFR) material giving excellent protection, Ø2mm. Color is blue.

Pigtails are designed with Ø0.9mm tight buffered coating.

Fanouttails are designed with ribbon based 4 fiber and protective tubes Ø0.9mm.

## MATERIAL

The cable and connectors are made according to IEC, ITU and UL standards (See conformances). All Materials are in accordance with RoHS-directive.

## OPTICAL CONNECTOR PERFORMANCE

| Connector | Insertion loss (dB)<br><i>IEC61300-3-4</i> | Return loss (dB)<br><i>IEC61300-3-6</i> |
|-----------|--|---|
|           | Max  | Min                                     |
| SC        | 0.20                                       | 50                                      |
| LC        | 0.20                                       | 50                                      |
| SC/APC    | 0.20                                       | 60                                      |
| LC/APC    | 0.20                                       | 60                                      |

Expected life time > 20 years

## CONFORMANCES

|                              |   |
|------------------------------|---|
| IEC 61754 series             | Fiber connector interfaces  |
| IEC 61755 series             | Fiber optic connector optical interfaces  |
| IEC 61753 series             | Fiber optical interconnecting devices and passive components performance standard       |
| IEC 61300 series             | Fiber optic interconnecting devices and passive components – basic test and measurement |
| IEC 60794-2-50               | Indoor optical fiber cables for simplex and duplex cables for use in patch cords        |
| ITU G657A2                   | Characteristics of SM optical fiber, bend optimized                                     |
| IEC 60332-3-24<br>and UL1666 | Test - flame propagation of Ø2mm patch cables installed vertically in shafts            |
| UL94 V-0                     | Flame resistance on connectors  |

## ORDER INFORMATION

### PATCH CORDS

| Product number   | Connector type  |
|------------------|-----------------|
| TSR 392 xx36 / L | LC/APC – LC/APC |
| TSR 392 xx11 / L | SC/APC – SC/APC |
| TSR 392 xx40 / L | SC/APC – LC/APC |
| TSR 392 xx02 / L | SC – LC/APC     |
| TSR 392 xx41 / L | SC/APC – LC     |

### PIGTAILS and FANOUTTAILS

| Product number   | Connector type |
|------------------|----------------|
| TSR 392 0106 / L | LC/APC         |
| TSR 392 0101 / L | SC/APC         |
| TSR 392 4106 / L | 4xLC/APC       |
| TSR 392 4101 / L | 4xSC/APC       |

Code xx:

Simplex cable=20

Duplex cable=30

Lengths L:

<10 meter in millimeter (2 meter L=/2000)

≥10 meter in meter (20 meter L=/20M)

More connectors, combinations and products are available

For further information, contact sales department at Hexatronic AB