

# PATCH CORDS, PIGTAILS and FANOUTTAILS - TSR 394+

Multi 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

- OM2 (50um) fiber
- Halogen-free flame-retardant material (HFFR)
- Standard length intervals
- Supports PC style

## APPLICATION

The TSR 394+ series are designed to meet the standards mainly used in access and telecom networks.

## DESIGN

The TSR 394+ 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  $\varnothing 0.9\text{mm}$  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,  $\varnothing 2\text{mm}$ . Color is beige.

Pigtails are designed with  $\varnothing 0.9\text{mm}$  tight buffered coating.

Fanouttails are designed with ribbon based 4 fiber and protective tubes  $\varnothing 0.9\text{mm}$ .

## 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) <i>IEC61300-3-4</i>	Return loss (dB) <i>IEC61300-3-6</i>
	Max	Min
SC	0.30	30
LC	0.30	30

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
G651 OM2 (50um)	Characteristics of MM optical fiber
IEC 60332-3-24	Test - flame propagation of $\varnothing$ 2mm patch cables installed vertically in shafts
UL94 V-0	Flame resistance on connectors

## ORDER INFORMATION

### PATCH CORDS

Product number	Connector type
TSR 394 xx22 / L	LC - LC
TSR 394 xx06 / L	SC - SC
TSR 394 xx26 / L	SC – LC

### PIGTAILS and FANOUTTAILS

Product number	Connector type
TSR 394 0205 / L	SC
TSR 394 5324 / L	4xLC
TSR 394 5305 / L	4xSC

Code xx:

Simplex cable=11

Duplex cable=21

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