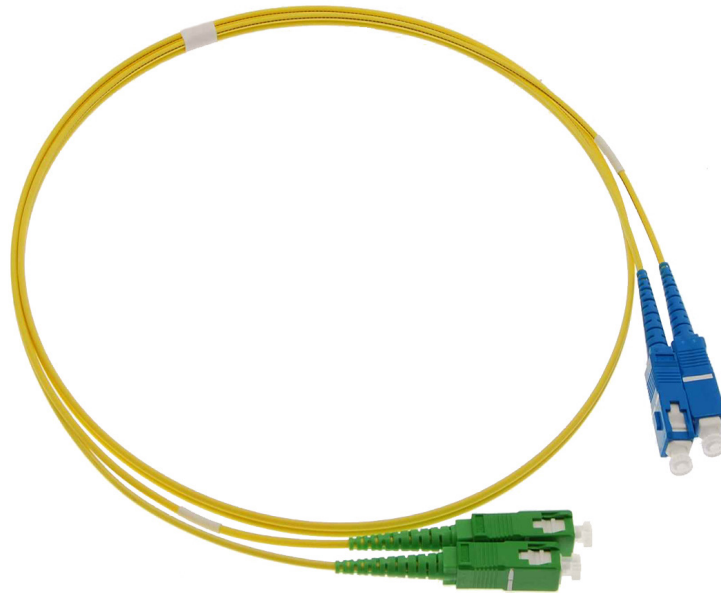


Patch Cords, Pigtails and Fanouttails – TSR 395+

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 bend-insensitive fiber (fully G652 compatible)
- Halogen-free flame-retardant material (HFFR)
- Standard length intervals
- Supports UPC and APC style

Application

The TSR 395+ series are designed to meet the standards mainly used in access transport termination points. Ultra Polished Connectors (UPC) and Angled Polished Connectors (APC) ensures low insertion losses and back reflection.

Design

The TSR 395+ series is designed for indoor use, with an extended operating temperature range -30°C to +70°C. This makes them very stable over time in various environmental conditions.

The small bending radius of only 10 mm due to the G657A2 fiber, minimizes losses when installed or handled during traffic. The patch cords are designed with Ø 0.9 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, Ø 2 mm. Color is yellow.

Pigtails are designed with Ø 0.9 mm tight buffered coating. Color is yellow.

Fanouttails are designed with ribbon based 4 fiber and transparent protective tubes Ø 0.9 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) IEC61300-3-4	RETURN LOSS (DB) IEC61300-3-6
	Max	Min
SC	0.30	50
LC	0.30	50
SC/APC	0.30	60
LC/APC	0.30	60

Expected life time > 20 years

Conformances

- IIEC 61754 seriesFiber connector interfaces
- IEC 61755 seriesFiber optic connector optical
.....interfaces
- IEC 61753 seriesFiber optical interconnecting devices
and passive components
performance standard
- IEC 61300 seriesFiber optic interconnecting devices
and passive components – basic test
and measurement
- IEC 60794-2-50Indoor optical fiber cables for
simplex and duplex cables for use
in patch cords
- ITU G657A2.....Characteristics of SM optical fiber
- IEC 60332-3-24Test - flame propagation of Ø 2 mm
patch cables installed vertically
in shafts and UL1666
- UL94 V-0.....Flame resistance on connectors

Ordering Information

Patch Cords

PRODUCT NUMBER	CONNECTOR TYPE
TSR 395 xx12 / L	LC - LC
TSR 395 xx24 / L	SC - SC
TSR 395 xx15 / L	SC - LC
TSR 395 xx34 / L	LC/APC - LC/APC
TSR 395 xx27 / L	SC/APC - SC/APC
TSR 395 xx40 / L	SC/APC - LC
TSR 395 xx43 / L	SC - LC/APC
TSR 395 xx44 / L	SC/APC - LC/APC

D=Duplex clip, - option for duplex cable

Code xx:

- Simplex cable=01

- Duplex cable=02

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

Pigtails and Fanouttails

PRODUCT NUMBER	CONNECTOR TYPE
TSR 395 0414 / L	LC
TSR 395 0423 / L	SC
TSR 395 0426 / L	SC/APC
TSR 395 0433 / L	LC/APC
TSR 395 0614 / L	4xLC
TSR 395 0623 / L	4xSC
TSR 395 0626 / L	4xSC/APC
TSR 395 0633 / L	4xLC/APC