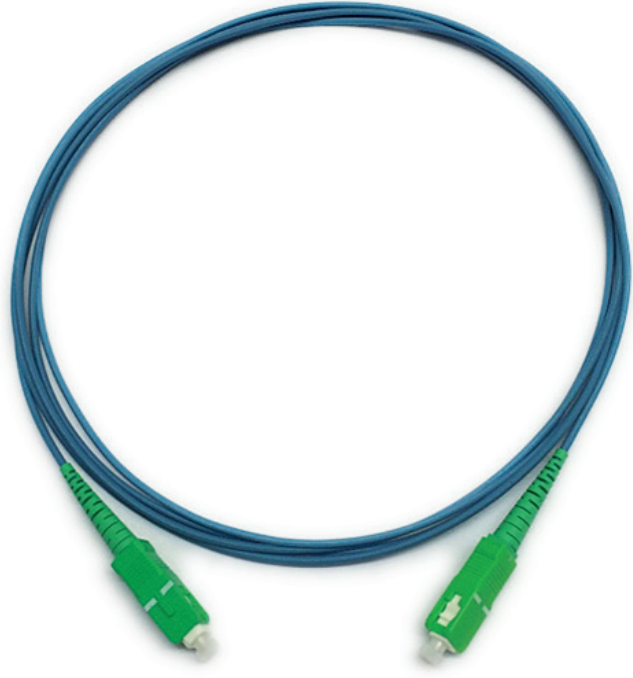


Patch Cords, Pigtails and Fanouttails – HTSR 395+

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 HTSR 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 HTSR 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 blue.

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

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.



Patch Cords, Pigtails and Fanouttails – HTSR 395+

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 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
- IEC 60332-3-24 Test - 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
HTSR 395 xx12 / L	LC - LC
HTSR 395 xx13 / L	LCD - LCD
HTSR 395 xx24 / L	SC - SC
HTSR 395 xx15 / L	SC - LC
HTSR 395 xx34 / L	LC/APC - LC/APC
HTSR 395 xx35 / L	LCD/APC - LCD/APC
HTSR 395 xx27 / L	SC/APC - SC/APC
HTSR 395 xx44 / L	SC/APC - LC/APC

D=Duplex clip, - option for duplex cable

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

Pigtails and Fanouttails

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