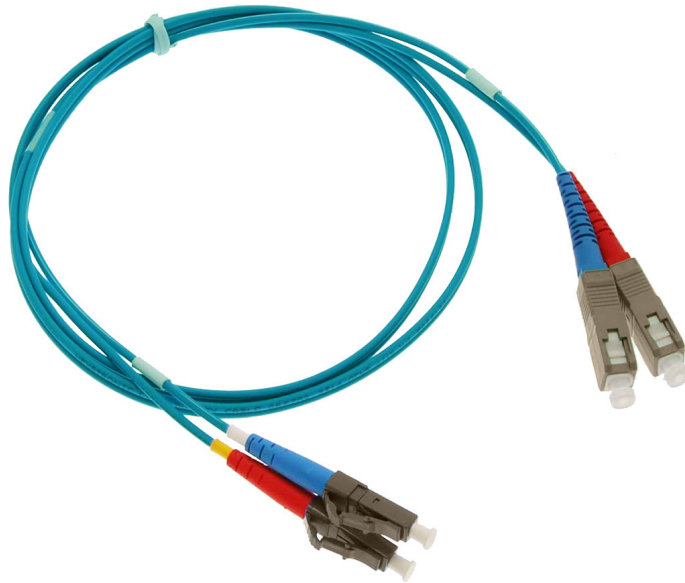


Patch Cords, Pigtails and Fanouttails – HTSR 394+

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

- Fiber: OM1 (62.5um), OM2 (50um), OM3 (50um), OM4 (50um)
- Halogen-free flame-retardant material (HFFR)
- Standard length intervals
- Supports PC style

Application

The HTSR 394+ series are designed to meet the standards mainly used in access transport termination points. The connectors ensures low insertion losses and back reflection.

Design

The HTSR 394+ 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 patch cords are designed with 0.9 mm tight buffered secondary coating and have a strength member of aramid yarn. Outer jacket of halogen-free flame-retardant (HFFR) material giving excellent protection, Ø 2mm.

Pigtails are designed with Ø 0.9mm tight buffered coating.

Fanouttails are designed with ribbon based 4 fiber and protective tubes Ø 0.9mm.

Material

The cable and connectors are made according to IEC, ITU and UL standards (See conformance). 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	30
LC	0.30	30

Expected life time > 20 years

Conformances

- IEC 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
- OM1-OM4.....Characteristics of MM 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
HTSR 394 xx12 / L	LC - LC
HTSR 394 xx13 / L	LCD - LCD
HTSR 394 xx24 / L	SC - SC
HTSR 394 xx15 / L	SC - LC

More connectors and combinations are available. Also Pigtails and Fanouts for splicing are available

For further information, contact sales department at Hexatronic AB

D=Duplex clip, - option for duplex cable

Code xx:

- Simplex cable OM3 (50um) aqua=05
- Duplex cable OM3 (50um) aqua=06
- Simplex cable OM4 (50um) violet=07
- Duplex cable OM4 (50um) violet=08

Lengths L:

- <10 meter in millimeter (2 meter L=/2000)
- ≥10 meter in meter (20 meter L=/20M)