



# Fanout tails

**G657A2**

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## Features

- G657A2 bend-resistant fiber for safe installations
- Compatible with G652D networks
- Halogen-free flame-retardant material (HFFR)
- Lowest insertion loss
- Various connector options

## Application

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

## Design

The HTSR 395+ series has 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 installation.

The pigtails are designed with  $\varnothing$  0.9 mm buffered secondary coating and are made of halogen-free flame-retardant (HFFR) material giving excellent protection.

## Product Information

**Pigtail diameter:** 0.9 mm

## Technical Information

|                                       |                    |
|---------------------------------------|--------------------|
| <b>Temperature, Operation [°F]</b>    | -30 to +70         |
| <b>Temperature, Storage [°F]</b>      | -40 to +70         |
| <b>Temperature, Installation [°F]</b> | -20 to +50         |
| <b>Insertion Loss, max [dB]</b>       | ≤ 0,3              |
| <b>Return Loss, min [dB]</b>          | UPC ≥ 50, APC ≥ 60 |

**Conformance**

- 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
- IEC 60332-3-24: Test - flame propagation of Ø 2 mm patch cables installed vertically in shafts
- UL1666
- UL94 V-0: Flame resistance on connectors

**Technical Notes**

- Insertion loss measured according to IEC61300-3-4
- Return loss measured according to IEC61300-3-6

**Articles 4**

| Article name                                     | No. of Fibers | Weight [lbs/ft] | Weight [lbs] | Length [ft] |
|--|---------------|-----------------|--------------|-------------|
| <b>Fanout 4xG657A LC/UPC</b><br>HTSR3950614/2400 | 4             | 0.025           | 0.025        | 2.4         |
| <b>Fanout 4xG657A SC/UPC</b><br>HTSR3950623/2400 | 4             | 0.025           | 0.025        | 2.4         |
| <b>Fanout 4xG657A SC/APC</b><br>HTSR3950626/2400 | 4             | 0.025           | 0.025        | 2.4         |
| <b>Fanout 4xG657A LC/APC</b><br>HTSR3950633/2400 | 4             | 0.025           | 0.025        | 2.4         |