



Pigtails

G657A1

Features

- G657A1 bend-resistant fiber for safe installations
- Compatible with G652D networks
- Halogen-free flame-retardant material (HFFR)
- Lowest insertion loss
- Various connector options

Application

The TSR 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 TSR 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 Ø 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

Color Code	S12
Temperature, Operation [°C]	-30 to +70
Temperature, Storage [°C]	-40 to +70
Temperature, Installation [°C]	-20 to +50
Fiber Type	G657A1
Insertion Loss, max [dB]	0.30
Return Loss, min [dB]	SC/UPC & LC/UPC: 50, SC/APC & LC/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 G657A1: Characteristics of SM optical fiber
 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

Article name	Color	No. of Fibers	Layout	Bend Radius [mm]	Diameter Ø [mm]	Weight [kg]	Length [m]	Form of Delivery
Pigtail 0.9MM SM SC/UPC 2M TSR3950423/2000	Yellow	1	UPC	10	0.9	0.013	2	–
PIGTAIL 0.9MM SM SC 2M, 1PCS = 12P 1/TSR3950423/200	Yellow	1	–	–	0.9	0.13	2	–
Pigtail 0.9MM SM SC/APC 2M TSR3950426/2000	Yellow	1	APC	10	0.10	0.013	2	–
PIGTAIL 0.9MM SM SC/APC 2M, 1PCS = 1/TSR3950426/200	Yellow	1	–	–	0.9	0.13	2	–
Pigtail 0.9MM SM LC/UPC 2M TSR3950414/2000	Yellow	1	–	10	0.9	0.013	2	–
Pigtail 0.9MM SM LC/APC 2M TSR3950433/2000	Yellow	1	–	10	0.9	0.013	2	–
PIGTAIL SM LC/APC 2M 12-pack 1/TSR3950433/200	Yellow	1	–	–	0.9	0.13	2	1x12-pack
Pigtail 1xG657A LC/UPC HTSR3950414/1000	Blue	1	–	–	0.9	0.009	1	–
Pigtail 1xG657A LC/UPC HTSR3950414/2000	Blue	1	–	–	0.9	0.009	2	–