



Pigtails – Multimode

OM4

Features

- High performance 50 µm OM4 fibers
- SC, LC or ST connectors
- Halogen-free flame-retardant material (HFFR)

Application

The HTSR 394+ series of multimode pigtails is designed to meet the standards mainly used in datacenter and general purpose local area network applications. The precision polished connectors ensures low insertion loss and lowest back reflection.

Design

The HTSR 394+ series has an extended operating temperature range, -30°C to +70°C. This makes them very stable over time in various environmental conditions.

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

Temperature, Operation [°C]	-30 to +70
Temperature, Storage [°C]	-40 to +70
Temperature, Installation [°C]	-20 to +50
Fiber Type	OM3;OM4
Insertion Loss, max [dB]	SC: 30, LC: 30
Return Loss, min [dB]	SC: 30, LC: 30

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

OM1-OM5: Characteristics of MM 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 6

Article name	Color	No. of Fibers	Layout	Tensile Force, Installation [N]	Diameter Ø [mm]	Dimensions [mm]	Weight [kg]	Length [m]	Form of Delivery
Pigtail OM3 LC/PC HTSR3941114/1000	Aqua	1	LC	≤30	0.9	0.9	0.012	1	Plastic Bag
Pigtail OM3 LC/PC HTSR3941114/2000	Aqua	1	LC	≤30	0.9	0.9	0.013	2	Plastic Bag
Pigtail OM3 SC/PC HTSR3941123/1000	Aqua	1	SC	≤30	0.9	0.9	0.012	1	Plastic Bag
Pigtail OM3 SC/PC HTSR3941123/2000	Aqua	1	SC	≤30	0.9	0.9	0.013	2	Plastic Bag
Pigtail OM4 LC/PC HTSR3941214/2000	Violet	1	LC	≤30	0.9	0.9	0.013	2	Plastic Bag
Pigtail OM4 SC/PC HTSR3941223/2000	Violet	1	SC	≤30	0.9	–	0.013	2	Plastic Bag