Rugged Patch Cords

G657A2, White

Features

- G657A2 bend-resistant fiber for safe installations
- Extra robust design, suitable for end user connections
- Compatible with G652D networks
- Halogen-free flame-retardant material (HFFR)
- Lowest insertion loss
- Various connector options

Application

The HTSR 39540+ series is designed to meet the standards mainly used in access networks where a more robust patch cord is required. Ultra Polished Connectors (UPC) ensures low insertion loss and minimal back reflection.

Design

The HTSR 39540+ series has an extended operating temperature range, -30ºC to +70ºC. 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 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,

Product Information

Patch cord diameter: 4 mm

Technical Information

Fiber Type	G657A2
Insertion Loss, max [dB]	0.30
Return Loss, min [dB]	50
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
	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 18

Article name	Color	Nb. of Fibers	Layout	Diameter Ø [mm]	Weight [lbs/kft]	Weight [lbs]	Length [ft]
Patch cord 4mm 1SM LC/UPC-SC/UPC .5m HTSR3954015/500	White	1	LC-SC	4	0.024	0.024	0.5
Patch cord 4mm 1SM LC/UPC-SC/UPC 1m HTSR3954015/1000	White	1	–	4	0.028	0.028	1
Patch cord 4mm 1SM LC/UPC-SC/UPC 2m HTSR3954015/2000	White	1	LC-SC	4	0.036	0.036	2
Patch cord 4mm 1SM LC/UPC-SC/UPC 3m HTSR3954015/3000	White	1	LC-SC	4	0.044	0.044	3
Patch cord 4mm 1SM LC/UPC-SC/UPC 5m HTSR3954015/5000	White	1	LC-SC	4	0.06	0.06	5
Patch cord 4mm 1SM LC/UPC-SC/UPC 7m HTSR3954015/7000	White	1	LC-SC	4	0.076	0.076	7
Patch cord 4mm 1SM LC/UPC-SC/UPC 10m HTSR3954015/10M	White	1	LC-SC	4	0.1	0.1	10
Patch cord 4mm 1SM LC/UPC-SC/UPC 15m HTSR3954015/15M	White	1	LC-SC	4	0.14	0.14	15
Patch cord 4mm 1SM LC/UPC-SC/UPC 20m HTSR3954015/20M	White	1	LC-SC	4	0.18	0.18	20
Patch cord 4mm 1SM SC/UPC-SC/UPC .5m HTSR3954024/500	White	1	SC-SC	4	0.024	0.024	0.5
Patch cord 4mm 1SM SC/UPC-SC/UPC 1m HTSR3954024/1000	White	1	SC-SC	4	0.028	0.028	1
Patch cord 4mm 1SM SC/UPC-SC/UPC 2m HTSR3954024/2000	White	1	SC-SC	4	0.036	0.036	2
Patch cord 4mm 1SM SC/UPC-SC/UPC 3m HTSR3954024/3000	White	1	SC-SC	4	0.036	0.036	3
Patch cord 4mm 1SM SC/UPC-SC/UPC 5m HTSR3954024/5000	White	1	SC-SC	4	0.06	0.06	5
Patch cord 4mm 1SM SC/UPC-SC/UPC 7m HTSR3954024/7000	White	1	SC-SC	4	0.076	0.076	7
Patch cord 4mm 1SM SC/UPC-SC/UPC 10m HTSR3954024/10M	White	1	SC-SC	4	0.1	0.1	10
Patch cord 4mm 1SM SC/UPC-SC/UPC 15m HTSR3954024/15M	White	1	SC-SC	4	0.14	0.14	15
Patch cord 4mm 1SM SC/UPC-SC/UPC 20m HTSR3954024/20M	White	1	SC-SC	4	0.18	0.18	20