wirewerks

Product Data Sheet

LGX Adapter Strips

Description

Wirewerks™ LGX adapter strips with standard foot print and Keywerks™ LGX adapter strips with Keystone foot print permit to install or upgrade fiber optic distribution units quickly and easily. They can fit in premise and outside plant rack mount and wall mount patch panels. They are the interface interconnecting fiber optic assemblies together to active equipment. Keywerks LGX adapter strips present the advantage to allow for a quick change of adapter style or performance by simply snapping in the desired fiber optic Keystone module without having to secure them with screws. Wirewerks LGX adapter strips accommodate all standard connectors and can accommodate up to 24 fiber interconnections per strip. Finished in light texture black powder coated paint, they exhibit port numbering on the rear and front of the adapter strip. The adapters are color coded in accordance with their performance. Both Wirewerks and Keywerks LGX adapter strips snap easily into position by a robust pushpin mechanism. They are compatible with Wirewerks and Keywerks rack mount and wall mount patch panels and any other patch panel featuring standard LGX cut-outs.

Features and Benefits

- LGX adapter strips for standard or Keystone adapter foot print
- Pushpin mechanism allows for quick and easy tool-less installation
- Enable high density, flexibility, and scalability
- Blank adapter strip available for to cover unoccupied cut-outs
- Fiber capacity per adapter strip up to 24 fibers with LC quad adapter
- Low insertion loss to minimize impact of loss budgets
- Precise alignment for a reliable glass-to-glass contact
- Manufactured with high performance component materials
- Instruction manual included

Applications

- Data centers
- Indoor or outdoor distribution units
- Structured cabling systems
- LAN intrabuilding and interbuilding installations
- Community access television (CATV) & multi-system operator (MSO)
- Central office and local loop

Certification and Compliance

CEA/EIA-310-E	Cabinets, Racks, Panels and Associated Equipment standard
ANSI/TIA-568-C.3	Optical Fiber Cabling Components Standard
TIA-604 series	Fiber Optic Connector Intermateability Standard
TIA-455 series	Standard Test Procedure for Fiber Optic Components
IEC 60874-1	Connecotrs for Optical Fibers and Cables – Generic Standard
IEC 61300 series	Fiber Optic Interconnecting Devices and Passive Components – Basic Test and Measurement Procedures
GR-326-CORE	Generic Requirements for Single Mode Optical Connectors and Jumper Assemblies
UL 94	Tests for Flammability of Plastic Material for Parts in Devices and Appliances
RoHS	Directive on Restriction of Hazardous Substances

Ordering Information

Part Number Builder

AS-W B CC D

B – Connector type

L	C	R	T	F	M
LC	SC	MTRJ	ST	FC	MPO

CC – Fiber count

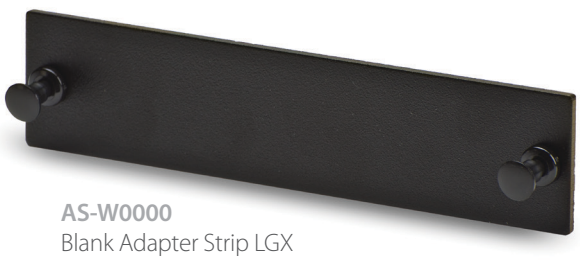
06	12	24	96
6 Fibers	12 Fibers	24 Fibers	96 Fibers

D

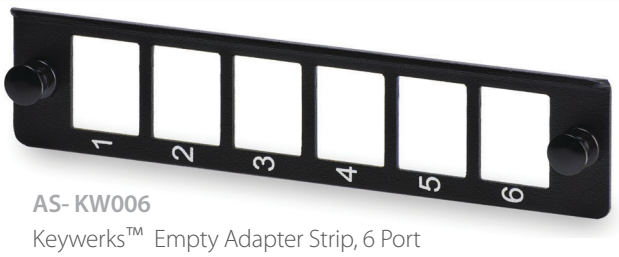
	M	G	S	A	Leave D blank for MPO
Fiber type	OM1/OM2 MM	OM3/OM4 MM	Single Mode, UPC	Single Mode, APC	Not Applicable
Color of adaptor	Beige	Aqua	Blue	Green	Black
Sleeve material	Phosphor Bronze	Zirconia Ceramic	Zirconia Ceramic	Zirconia Ceramic	Not Applicable

AS-WM96
OM3/OM4 8 Port MPO (96 fibers)

AS- WL24G
OM3/ OM4 24 Port LC Adapter Strip



AS-W0000
Blank Adapter Strip LGX



AS- KW006
Keywerks™ Empty Adapter Strip, 6 Port

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RoHS

PDS-0027-EN-D

Physical Characteristics

Parameter	Value
Adapter strip material	Steel coated with black Sandex
Pushpin material	UL 94V-0 ABS high-impact thermoplastic
Overall dimensions	129.79 mm (5.11 in) x 28.95 mm (1.14 in)

Mechanical Characteristics

Parameter	Value
Operating temperature	-40° C (-40° F) ~ 75° C (167° F)
Storage temperature	-40° C (-40° F) ~ 85° C (185° F)
Temperature cycling	-40° C (-40° F) ~ 75° C (167° F), 40 cycles = 0.2 dB change
High temperature	70° C for 96 hours = <0.4 dB change
Mating durability	500 mating cycles (cleaning every 25 matings) = <0.2dB change
Storage temperature	40° C (104° F) at 93% RH for 96 hours = <0.4 dB change

Optical Performance

Parameter	Single Mode UPC	Single Mode APC	Multimode OM1	Multimode OM2	Multimode OM3
Insertion Loss	0.2 dB Max.	0.2 dB Max.	0.3 dB Max.	0.3 dB Max.	0.3 dB Max.
Return Loss	-55 dB	-65 dB	N/A	N/A	N/A

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