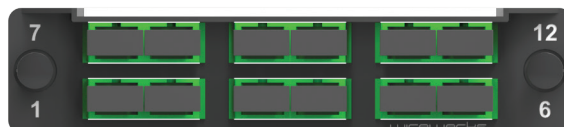
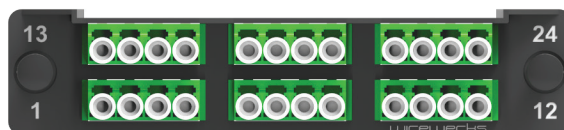


LGXTRA™ ADAPTER STRIPS

PDS-0242



DESCRIPTION

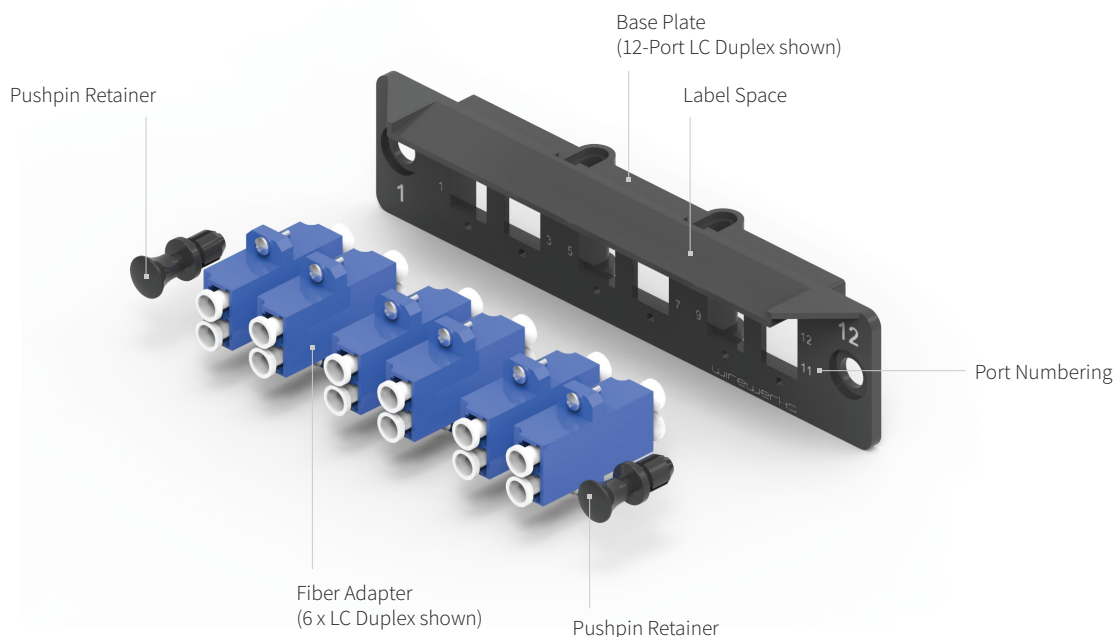
Wirewerks LGXtra Adapter Strips are superior quality, rapid-install mounting strips pre-loaded with optical fiber adapters for use in Wirewerks LGXtra™ fiber modules, panels and enclosures; or in third-party products conforming to de facto LGX-style dimensions and form factor.

LGXtra Adapter Strips add flexibility and versatility when initially configuring LGX-style fiber panels and enclosures, and then allow easier changes and upgrades as applications and technologies evolve over time. **LGXtra Adapter Strips** are available in twelve (12) factory assembled and tested standard configurations, with custom configurations available on request.

STANDARD CONFIGURATIONS

Part No.	Connector Type	Adapter Format	Ports per Strip	Fiber Type	Polish	Adapter Colour
XAS-L12G	LC	Duplex	12	OM3/4	PC	Aqua
XAS-L12S	LC	Duplex	12	SM	UPC	Blue
XAS-L12A	LC	Duplex	12	SM	APC	Green
XAS-L24G	LC	Quad	24	OM3/4	PC	Aqua
XAS-L24S	LC	Quad	24	SM	UPC	Blue
XAS-L24A	LC	Quad	24	SM	APC	Green
XAS-C06G	SC	Simplex	6	OM3/4	PC	Aqua
XAS-C06S	SC	Simplex	6	SM	UPC	Blue
XAS-C06A	SC	Simplex	6	SM	APC	Green
XAS-C12G	SC	Duplex	12	OM3/4	PC	Aqua
XAS-C12S	SC	Duplex	12	SM	UPC	Blue
XAS-C12A	SC	Duplex	12	SM	APC	Green
Custom configurations are available. Please contact Customer Service for assistance at 1-888 993-4237 or customerservice@wirewerks.com						

Each **LGXtra Adapter Strip** assembly consists of a base plate with pushpin retainers, prominent port numbering, and a molded-in label space. High-performance LC or SC adapters, in simplex/duplex/quad formats supporting SM/MM fiber with PC/UPC/APC end-face polish, are factory loaded and tested to complete each adapter strip assembly.



LGXtra Adapter Strips meet all applicable industry standards, and are precision engineered and manufactured from high-impact thermoplastics for durability, reliability, and long-life.

FEATURES and BENEFITS

- Compatible with Wirewerks LGXtra™ modules, panels and enclosures
- Compatible with other LGX-style products and systems that comply with de facto LGX-style dimensions and form factor
- Choose from twelve (12) standard configurations (connector type, adapter format, fiber type, end-face polish), or provide your custom configurations
- Support up to 24F/strip and up to 72F in 1RU (determined by connector type/adapter format and type of LGX-style panel/enclosure)
- Precision engineering and manufacturing ensures precise fiber mating alignment, resulting in superior Insertion Loss and Return Loss performance
- Rigid construction protects against unwanted ferrule movement causing performance degradation
- High-visibility Port Numbers indicated on each LGXtra Adapter Strip aid technicians and reduce errors
- Integrated Label Space (labels included) allows detailed port identification and fiber origin/destination right on the LGXtra Adapter Strip itself for faster service with fewer errors (meets labelling/identification requirements of ANSI/TIA-606-C Administration Standard as well as recommended best practices from network infrastructure authorities)
- Pushpin Retainers allow fast, tool-less installation/removal
- Meets or exceeds the requirements of applicable telecom industry standards, safety standards, and manufacturing quality standards

ORDERING
INFORMATION

Part Number	Description
XAS-XXXX	LGXtra Adapter Strip

INCLUDED

Part Number	Included
XAS-XXXX	1 Self-Adhesive label

PACKAGING
and SHIPPING

Description	Dimensions	Shipping Weight
Plastic Bag, 1 Unit per Bag	7.25" x 4.75" (184mm x 120mm)	0.04 kg/0.088 lb

PHYSICAL
SPECIFICATIONS

Parameter	Value
Product Dimensions	5.15" x 1.15" x 0.83" (131mm x 29mm x 21mm)
Product Weight	0.04 kg/0.088 lb
Materials (plastics, metals, etc.)	UL 94V-0 high-impact ABS Thermoplastic
Color & Finish	Black

MECHANICAL
SPECIFICATIONS

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

PERFORMANCE SPECIFICATIONS

Parameter	Single Mode UPC	Single Mode APC	Multimode OM1	Multimode OM2	Multimode OM3	Multimode OM4
Insertion Loss	0.2dB max.	0.2dB max.	0.3dB max.	0.3dB max.	0.3dB max.	0.3dB max.
Return Loss	-55dB	-65dB	N/A	N/A	N/A	N/A

STANDARDS COMPLIANCE

CEA/EIA-310-E

Cabinets, Racks, Panels and Associated Equipment Standard

Fiber Optic Interconnecting Devices and Passive Components – Basic Test and Measurement Procedures

ANSI/TIA-568.3-D

Optical Fiber Cabling Components Standard

GR-326-CORE

Generic Requirements for Single Mode Optical Connectors and Jumper Assemblies

TIA-604 series

Fiber Optic Connector Intermateability Standard

UL 94

Tests for Flammability of Plastic Material for Parts in Devices and Appliances

TIA-455 series

Standard Test Procedure for Fiber Optic Components

RoHS

Directive on Restriction of Hazardous Substances

IEC 60874-1

Connectors for Optical Fibers and Cables – Generic Standard

IEC 61300 series