



**GALAXY**  
Fiber Optics & Electronics

## **Total Solutions to Meet Your Inter-Connectivity Needs**

**Galaxy Electronics Company**  
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# GALAXY

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Galaxy Electronics Company

## Company Quality Policy

We at Galaxy Electronics Co. are dedicated to excellence in all facets of manufacturing and customer service. We continuously strive to provide the highest quality product available in our industry on time, while continually evaluating our performance in a never-ending process of improvement.

We ensure this through our Continual Improvement Programs and the accomplishment of our Quality Objectives, which we review and upgrade in accordance with our Quality Procedures.

Sam Yang  
President/MR

August 10, 2009



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## **Company Minority Certifications**

D/FW MSDC (MBE) – Certificate # DL09813

NCTRCA (MBE) – Certificate # PMMB49673N0712

SCTRCA (ABE/ESBE/MBE/SBE) – Certificate # 21119868

State of Texas HUB – Certificate # 1752210438300

CMBL Vendor Number for Texas – 33395



# GALAXY

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## Specializes in the Following Products and More

### FIBER OPTICS

#### *SINGLEMODE and MULTIMODE*

Pre-Terminated Trunk Assemblies  
Patch Cables / Jumper Cables  
Pigtail Assemblies  
Mode-Conditioning Assemblies  
*(all connector and fiber types)*

### VOICE/DATA

Category 5E Cables  
Category 6 Cables  
Telco Assemblies  
Hydra Assemblies

### COMPUTER

RF/Coaxial Assemblies  
VGA/Super VGA Cables  
V.35, RS232, SCSI Assemblies  
Flat Ribbon Cables  
Custom / OEM Assemblies

### CONNECTORS/ACCESSORIES

D-Subminiature  
RJ45, RJ12, RJ11  
Adapters

### ADDITIONAL PRODUCTS

Patch Panels  
Wire Harnesses  
OEM Custom Cable Assemblies  
Electronic Panel Assembly\_



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## Patch Cord & Pigtail Assemblies



**Galaxy's premium-grade fiber optic patch cords and pigtails are durable, high-quality assemblies that consistently deliver uniform results with minimal signal variance. Available in a wide variety of off-the-shelf configurations or can be customized to your specifications.**

### **An extensive variety of cables and connectors**

- Multimode 62.5/125, 50/125, 50/125 10-Gig, & Singlemode
- Riser and Plenum
- ST, SC, LC, MU, FC, FC-APC, SC-APC, LC-APC, MTRJ, ESCON, SMA, D4, etc.
- Simplex and Duplex
- 1.6mm, 1.8mm, 2.0mm, and 3.0mm Jacket OD's
- Available in a wide variety of colors
- 100% tested



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## **Multi-Fiber Trunk Assemblies**



**Galaxy Electronics builds pre-terminated multi-fiber trunk assemblies in a wide assortment of cable and connector configurations. We specialize in building these assemblies to our customer's requirements and specifications. As with all Galaxy's cables, all multi-fiber trunks are tested to the highest standards for optical performance. In addition we provide a test report with all cables we manufacture.**

- An extensive variety of cables and connectors.
- 100% tested
- Test reports for each cable
- Pulling eyes available
- Immediate price quotes
- Fast delivery



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## Mode-Conditioning Assemblies



**Galaxy's Mode Conditioning assemblies are designed for long wave (-LX) multimode applications of Gigabit Ethernet. All cables are compliant with the IEEE 802.3z application standard. The function of this cable is to provide an offset launch of the singlemode core into the multimode core. This type of assembly consists of duplex connectors on each end of the cable with a singlemode offset to a multimode fiber point in between.**

### Features

- Low loss
- Fits existing cabling
- IEEE-802.3z Gigabit Ethernet Compliant
- Single or Dual spliced versions available

### Benefits

- Avoids Mode Delay
- Functions the same as standard patch cord assembly



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## Attenuators

Available in SC, FC,  
LC, ST, and MU



Attenuation Value 0.5dB ~ 30dB

Operating Wavelength 1240 ~ 1620nm (Dual 1310/1550nm)

### Return Loss

UPC >55dB

APC >65dB

Maximum Optical Input Power 1000mW

Polarization Dependent Loss  $\leq 0.1$ dB

Operating Temperature Range -40 to 75

Storage Temperature Range -40 to 85

Humidity 95%RH

### Attenuation

Accuracy

1 ~ 7 dB  $\pm 0.5$ dB

8 ~ 12 dB  $\pm 0.7$ dB

13 ~ 17 dB  $\pm 1.0$ dB

18 ~ 25 dB  $\pm 1.3$ dB

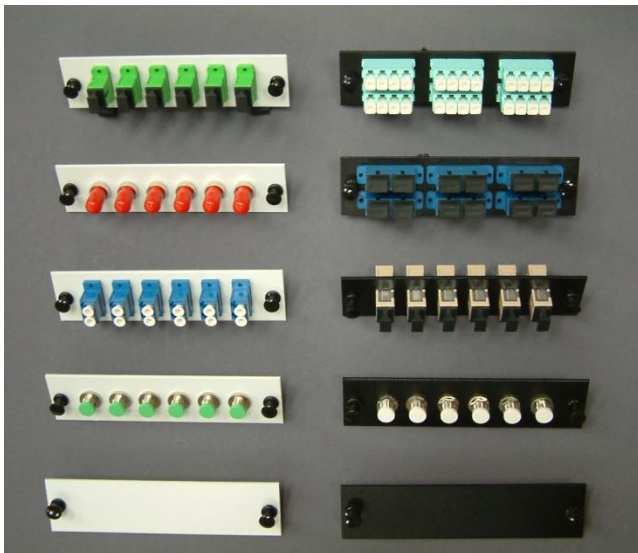




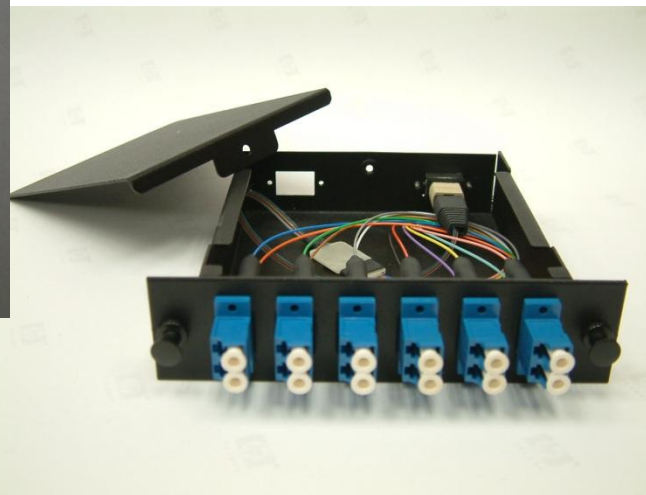
# GALAXY

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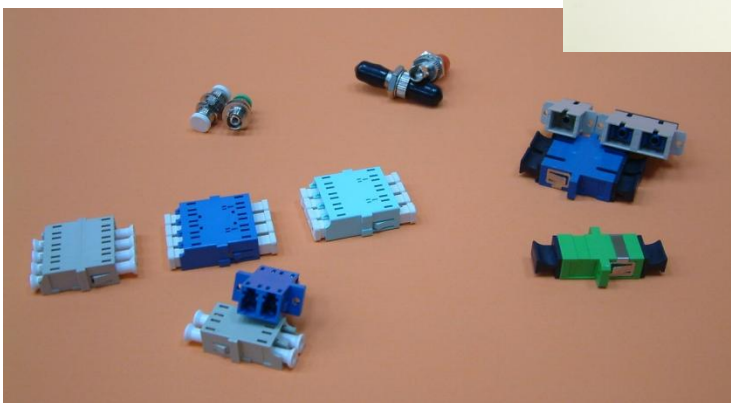
## 6-Pack Plates



## MTP Cassette



## Adapters/Couplers

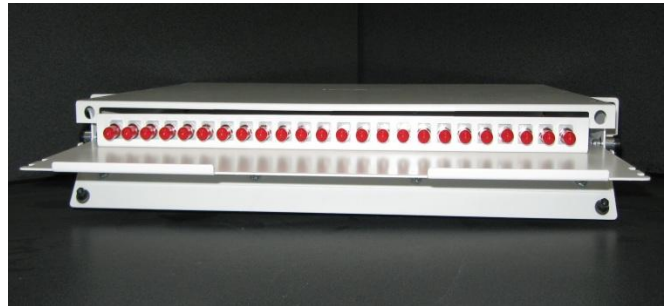




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## **1 RU Rack Unit 24 - 48 Port Capacity**



**The termination rack-mount panel is designed to accommodate customer premises cross connect or interconnect requirements.**

**Accessible from front and rear in a high density design allowing for easy cable routing.**

**Industry standard footprint allows for integration into existing and new installations**

- Galaxy's compact 1 RU provides 24 adapters in just 1.75" of rack space
- Mounting brackets for 19" or 23" racks and cabinets
- Designation labeling on front and rear doors
- Fixed bulkhead/adaptor insert accommodates ST, FC, D4, SC, MTRJ, LC Duplex, MU, etc.
- Available in telecom white or black
- All panels are available with pre-terminated cables to save time and money
- Doors available in solid metal or smoked plexiglass

**Contact your Sales Associate for additional configurations**



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## **2 RU Rack Unit** **36 - 144 Port Capacity**



**The termination rack-mount panel is designed to accommodate customer premises cross connect or interconnect requirements.**

**Accessible from front and rear in a high density design allowing for easy cable routing.**

**Industry standard footprint allows for integration into existing and new installations**

- Galaxy's compact 2 RU provides 36 adapters in just 3.5" of rack space
- Universal mounting brackets for 19" or 23" racks and cabinets
- Designation labeling on front and rear doors
- Easy to install bulkhead/adaptor plates (ST, FC, D4, SC, SC Duplex, MTRJ, LC Duplex, LC Quad, MU, etc.)
- Available in telecom white or black
- All panels are available with pre-terminated cables to save time and money
- Doors available in solid metal or smoked plexiglass

**Contact your Sales Associate for additional configurations**



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## 4 RU Rack Unit

72 - 288 Port Capacity



**The termination rack-mount panel is designed to accommodate customer premises cross connect or interconnect requirements.**

**Accessible from front and rear in a high density design allowing for easy cable routing.**

**Industry standard footprint allows for integration into existing and new installations**

- Galaxy's compact 4 RU provides 72 adapters in just 7" of rack space
- Universal mounting brackets for 19" or 23" racks and cabinets
- Designation labeling on front and rear doors
- Easy to install bulkhead/adaptor plates (ST, FC, D4, SC, SC Duplex, MTRJ, LC Duplex, LC Quad, MU, etc.)
- Available in telecom white or black
- All panels are available with pre-terminated cables to save time and money
- Doors available in solid metal or smoked plexiglass

**Contact your Sales Associate for additional configurations.**



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## Category 5E Patch Cords



All cable used to manufacture Galaxy's Cat5E patch cords meets the specifications set forth by ANSI/TIA/EIA-568-b.2-1, Annex J.

Compliance ensures our customers that all cables manufactured have minimal cable impedance variation and superior return loss performance.

### Cable Colors

Black=BK  
Red=RD  
Gray=GY  
White=WH  
Blue=BL  
Orange=OR  
Green=GR  
Pink=PK  
Beige=BE  
Yellow=YL

### Boot Colors

Black=BK  
Red=RD  
Gray=GY  
White=WH  
Blue=BL  
Orange=OR  
Green=GR  
Pink=PK  
Beige=BE  
Yellow=YL

**Certifications: UL Listed**



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## Category 6 Patch Cords

**All cable used to manufacture Galaxy's Cat6 patch cords meets the specifications set forth by both ANSI/TIA/EIA-568-b.2-1 and ISO/IEC 11801:2002.**

**Compliance to both 568 and 11801 ensures our customers that all cables manufactured have minimal cable impedance variation and superior return loss performance.**

### Cable Colors

Black=BK  
Red=RD  
Gray=GY  
White=WH  
Blue=BL  
Orange=OR  
Green=GR  
Yellow=YL

### Boot Colors

Black=BK  
Red=RD  
Gray=GY  
White=WH  
Blue=BL  
Orange=OR  
Green=GR  
Yellow=YL

**Certifications: UL Listed**