Altman 300 & 450 Series Connector Strips Ordering Format

The table below is the standardized ordering format. Use dashes (-) and slashes (/) where shown.

	300 & 450 Series Connector Strips							Data Options (450 Series Only)					Leave Blank For Standard	
Order Quantity	Model Number	Length (Feet)	Circuit Quantity	Connector Quantity	Connector Type (A)	Terminal Location	Bracket Type (B)	Input Type (C)	Quantity (Universes)	System Type (D)	Output Quantity	Output Type (E)	Finish Options	Submittal Drawings
XX	-300 -450	-XX	-XX	/ XX	-XXXXXXX	-L -R	-11-17	-HW -XLR -WCTS -WDMX	-1-4	-DMXDC -DMXOS -RDMOS -NETDC	-XX	-XLR5 -BPS -RJ45	Blank=Black -WH=White -C= Custom	Blank=No -SDR=Yes
			Group in parenthesis ( ) for multiple circuit/ connector qty/connector type options.											

Connector Strip Ordering Format:

Example 1:
1-300-48-12/24-2PGFL-L-11
Above is the basic format of the model number. The above example is qty. 1, 300 Series, 48' long with 12 circuits, 24 flush stage pin connectors, terminal location stage left, and type 11 brackets. Black finish and no submittal drawings req'd.

Additional Circuits & Connector Types
For additional circuits and connector types on the same connector strip the basic format is the same, except group circuit quantity, connector quantity, and connector types in parentheses ( ) to avoid confusion.

Example 2:
1-300-48-(12/24-2PGFL)(4/4-515R)-L-11
The above *example 2* is the same as *example 1*, however there are 4 additional circuits with 4 -515R outlet connectors for work lights, one on each circuit. You may add as many connector types as you need.

Circuits Other Than 15/20 AMP
Amperage of circuits is identified by the connector type in Chart A. Terminal blocks and wire sizes will meet the rating of the connector type chosen. For connectors not listed in Chart A, use the manufacturer's part number in place of Altman connector type ordering code. All connectors must be UL listed.

Data/DMX in Connector Strip (450 series only)
Select data quantity (universes), type, number of panels, and input/output option. See 450 series data sheet for information about data options.

Example 3:
1-450-48-12/24-2PGFL-L-11-HW-1-DMXDC-8-BPS
The above *example 3* is qty. 1, 450 series, 48' long with 12 circuits, 24 flush stage pin connectors, terminal location stage left, type 11 brackets. Hard wired input, 1 Universe of DMX Passive with 8 By-Pass Switches. Black finish and no submittal drawings req'd. *Example 3 used on Layout Sheet.*
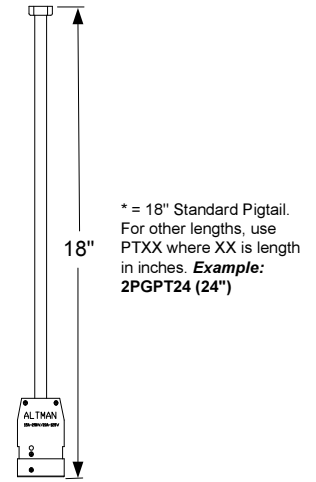
Ordering Notes:

✓ 300 Series minimum connector spacing is 6".
✓ 450 Series minimum connector spacing is 3".
✓ Where a mechanical splice must occur, connector location will be moved a maximum of 6".
✓ Connectors and pigtails will be spaced evenly from center line outward unless otherwise specified by submittal or layout drawings.
✓ Submittal Drawings: If submittal drawings are required, add suffix -SDR to the end of the ordering code. Job name, location, and project manager information are required. Allow 2 week lead time for submittal drawings.
✓ Numbering: Standard numbering is 2" high vinyl on upstage side of connector strip. For additional numbering options call factory.
✓ Terminal Boxes: 300 series- 5" high terminal box required greater than 10 circuits. 450*series- 6" high terminal box required for greater than 23 circuits, AND/OR DMX styles DMXOS, RDMOS, and NETDC Data options.
✓ One pair of hanging brackets, plus one additional provided per every 5' in length over 10'.
✓ 12' and over lengths shipped standard 6' section lengths, completely wired and fan folded into a corrugated container. Mechanical splicing hardware included.

(A) Connector Types   ◊= 450 Series Only

Code	Description	Style
2PGFL	20A Stage Pin Flush	
2PGPT	20A Stage Pin 18" Pigtail*	
302PGFL	30A Stage Pin Flush ◊	
302PGPT	30A Stage Pin 18" Pigtail*	
602PGFL	60A Stage Pin Flush ◊	
602PGPT	60A Stage Pin 18" Pigtail*	
515R	15A Female Edison Flush	
515DUP	15A Duplex Female Edison Flush	
515PT	15A Female Edison 18" Pigtail*	
520R	20A Female Edison Flush	
520DUP	20A Duplex Female Edison Flush	
520PT	20A Female Edison 18" Pigtail*	
L515R	15A 125V Twist Lock Flush	
L515PT	15A 125V Twist Lock 18" Pigtail*	
L520R	20A 125V Twist Lock Flush	
L520PT	20A 125V Twist Lock 18" Pigtail*	
L620R	20A 250V Twist Lock Flush	
L620PT	20A 250V Twist Lock 18" Pigtail*	
20MPB	20A PowerCONN Female Flush	
20FCBPT	20A PowerCONN Female 18" Pigtail*	
32MPHC	32A PowerCONN Female Flush	

* Pigtail Details:

18"

* = 18" Standard Pigtail. For other lengths, use PTXX where XX is length in inches. Example: 2PGPT24 (24")

(B) Bracket Types

Code	Description
11	16" Single Pipe Mounting Bracket
12	18" Double Pipe Mounting Bracket
13	24" Double Pipe Mounting Bracket
14	90° Pipe Grid Bracket
15	16" Single Pipe All Thread Bracket
16	Single Pipe In-Line Bracket
17	Double Pipe In-Line Bracket

See bracket data sheets for dimensions & details.

Type: 11   12   13   14   15   16   17
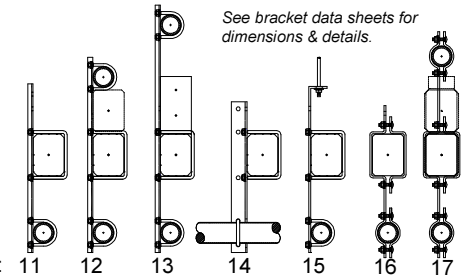
450 Series Data Options

(C) Input Types

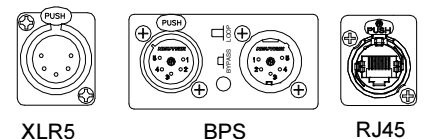| Code	Description
HW	Hard Wire Access (Standard)
WCTS	Wireless SHOW RDM Receiver
WDMX	Wireless WDMX RDM Receiver
XLR	5 Pin XLR In/Out

450 Series End View

HW   XLR   WCTS/WDMX
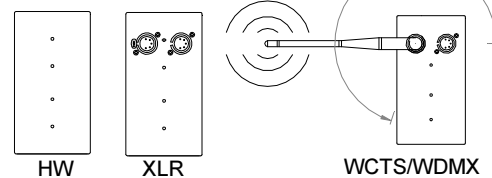
(D) System Types

Code	Description
DMXDC	DMX Passive -Terminal Block Input
DMXOS	DMX 4 Way Opto-Isolated Splitter
RDMOS	RDM 4 Way Opto-Isolated Splitter
NETDC	EtherNET Card

DMXDC   DMXOS   RDMOS
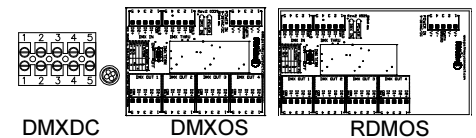
(E) Output Connector Types

Code	Description
XLR5	DMX XLR 5 Pin Female
BPS	DMX By-Pass Switch Module
RJ45	EtherNET RJ45

XLR5   BPS   RJ45

Connector Strip Layout Sheet

Audience or Camera

Altman Lighting, Inc.

Example 3 From Page 1:

|←———————————————— 48' ————————————————→|

Example Order Code: 1-450-48-12/24-2PGFL-L-11-HW-1-DMXDC-8-BPS
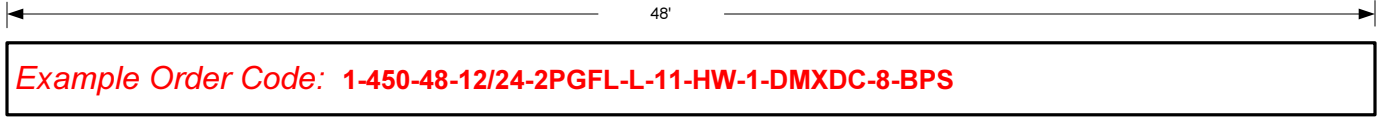
Connector spacing if not even:

Circuit Numbering Example:

| 1A | 1B | 2A | 2B | 3A | 3B | 4A | 4B | 5A | 5B | 6A | 6B | 7A | 7B | 8A | 8B | 9A | 9B | 10A | 10B | 11A | 11B | 12A | 12B |

Left (SL) ... **Right (SR)**

Terminal Access ... Terminal Access

|←———————————— Length In Feet ————————————→|

Strip 1. Order Code: _____

Connector spacing if not even:

Circuit Numbering:

Terminal Access ... Terminal Access

|←———————————— Length In Feet ————————————→|

Strip 2. Order Code: _____

Connector spacing if not even:

Circuit Numbering:

Terminal Access ... Terminal Access

|←———————————— Length In Feet ————————————→|

Strip 3. Order Code: _____

Connector spacing if not even:

Circuit Numbering:

Terminal Access ... Terminal Access

|←———————————— Length In Feet ————————————→|

Strip 4. Order Code: _____

Connector spacing if not even:

Circuit Numbering:

ADDITIONAL NOTES:

AUDIENCE OR CAMERA

DOWNSTAGE

STAGE LEFT (SL) ... STAGE RIGHT (SR)

UPSTAGE