



# SYSTEMS MonoTrack

Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_

## AR3 3 Foot MonoTrack Section



### PRODUCT DESCRIPTION

Hand bendable copper core track with Lexan insulator. 25 amp max. 300W @ 12Volts, 600W @ 24Volts. End caps included.  
**5/8" Height 36" Length**

### ORDERING INFORMATION

Model	Hardware Finish	Example
AR3	STN	AR3-STN
	BRZ Vintage Bronze	
	CHR Chrome	
	STN Satin Nickel	

## AR6 6 Foot MonoTrack Section



### PRODUCT DESCRIPTION

Hand bendable copper core track with Lexan insulator. 25 amp max. 300W @ 12Volts, 600W @ 24Volts. End caps included.  
**5/8" Height 72" Length**

### ORDERING INFORMATION

Model	Hardware Finish	Example
AR6	STN	AR6-STN
	BRZ Vintage Bronze	
	CHR Chrome	
	STN Satin Nickel	

## AR8 8 Foot MonoTrack Section



### PRODUCT DESCRIPTION

Hand bendable copper core track with Lexan insulator. 25 amp max. 300W @ 12Volts, 600W @ 24Volts. End caps included.  
**5/8" Height 96" Length**

### ORDERING INFORMATION

Model	Hardware Finish	Example
AR8	STN	AR8-STN
	BRZ Vintage Bronze	
	STN Satin Nickel	

## ARE01 Quick Jack Fixture Adapter



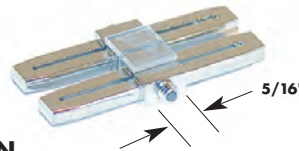
### PRODUCT DESCRIPTION

Mounts all Alfa Quick Jack fixtures to the MonoTrack System. 50W max.  
**1 1/2" Length**

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARE01	STN	ARE01-STN
	BRZ Vintage Bronze	
	CHR Chrome	
	STN Satin Nickel	

## ARJ01 Single Circuit MonoTrack Conductive Straight Joiner



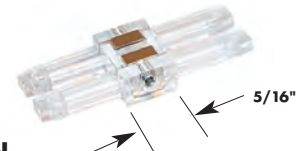
### PRODUCT DESCRIPTION

Mechanically joins and carries current from one track section to another. 25 amp max. 300W @ 12Volts, 600W @ 24Volts. Fits into supports for seamless looking installation.

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARJ01	STN	ARJ01-STN
	BRZ Vintage Bronze	
	CHR Chrome	
	STN Satin Nickel	

## ARJ02 Single Circuit MonoTrack Non-Conductive Straight Joiner



### PRODUCT DESCRIPTION

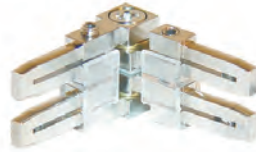
Mechanically joins track sections powered by separate transformers. Cannot be covered by a support.

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARJ02	STN	ARJ02-STN
	BRZ Vintage Bronze	
	CHR Chrome	
	STN Satin Nickel	

# SYSTEMS MonoTrack

## ARJ04 Single Circuit MonoTrack Conductive "L" Joiner



### PRODUCT DESCRIPTION

Adjusts between straight to 90° angle. Mechanically connects and carries current from one section to another. 25 amp max. 300W @ 12Volts, 600W @ 24Volts.

**5/8" Offset**

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARJ04	STN	ARJ04-STN
	BRZ	Vintage Bronze
	CHR	Chrome
	STN	Satin Nickel

## ARJ07 Single Circuit MonoTrack Conductive Flex Joiner



### PRODUCT DESCRIPTION

Joins two track sections at various angles. Carries current from one track section to another. 25 amp max. 300W @ 12Volts, 600W @ 24 Volts.

**4" Length**

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARJ07	STN	ARJ07-STN
	BRZ	Vintage Bronze
	CHR	Chrome
	STN	Satin Nickel

## ARJ05 MonoTrack Standard Support for T-Bar Ceilings



### PRODUCT DESCRIPTION

Supports MonoTrack at standard system height (4 1/8"). Order "RSE" Extensions to increase length if necessary. Consult factory.

**4 1/8" Length**

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARJ05	STN	ARJ05-STN
	BRZ	Vintage Bronze
	CHR	Chrome
	STN	Satin Nickel

## ARJ06 MonoTrack Standard Support for Rigid Ceilings



### PRODUCT DESCRIPTION

Supports MonoTrack at standard system height (4 1/8"). Order "RSE" Extensions to increase length if necessary.

**4 1/8" Length**

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARJ06	STN	ARJ06-STN
	BRZ	Vintage Bronze
	CHR	Chrome
	STN	Satin Nickel

## ARJ06R MonoTrack Adjustable Support for Sloped Ceilings



### PRODUCT DESCRIPTION

"RSE" Extensions required, order separately. Custom lengths can be ordered pre-assembled. Consult factory.

**Supports can be ordered in custom lengths: consult factory.**

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARJ06R	STN	ARJ06R-STN
	BRZ	Vintage Bronze
	CHR	Chrome
	STN	Satin Nickel

## ARJ09 MonoTrack Cable Support



### PRODUCT DESCRIPTION

Single screw mounting to ceiling. 10' aircraft cable. Easily adjusts with set screw.

**10" Length**

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARJ09	STN	ARJ09-STN
	BRZ	Vintage Bronze
	CHR	Chrome
	STN	Satin Nickel

# SYSTEMS MonoTrack

## ARJ10 MonoTrack Non-Conductive 4-Way Joiner/Support



### PRODUCT DESCRIPTION

Supports intersection of 4 MonoTrack sections at standard system height (4 1/8"). Order "RSE" Extensions to increase length if necessary. Easily converts to a "T" Joiner or a supported "L" Joiner.  
**4 1/8" Length**

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARJ10	STN	ARJ10-STN
	BRZ Vintage Bronze	
	CHR Chrome	
	STN Satin Nickel	

## ARRWS MonoTrack Wall Mount Support



### PRODUCT DESCRIPTION

Supports MonoTrack up to 24" parallel to wall. Rigid support and cable support are field cuttable. Not for use as a joiner.  
**24" Length**

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARRWS	STN	ARRWS-STN
	BRZ Vintage Bronze	
	CHR Chrome	
	STN Satin Nickel	

## ARPF1 MonoTrack Floating Power Feed



### PRODUCT DESCRIPTION

Powers system at any point along the track. Includes 40" of secondary wire. Custom lengths can be ordered pre-assembled. Consult factory. 25 amp max. 300W @ 12Volts, 600W @ 24Volts.  
**40" Length**

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARPF1	STN	ARPF1-STN
	BRZ Vintage Bronze	
	CHR Chrome	
	STN Satin Nickel	

## ARJ11 MonoTrack Conductive 4-Way Joiner/Support



### PRODUCT DESCRIPTION

Supports intersection of 4 MonoTrack sections at standard system height (4 1/8"). 25 amp max. 300W @ 12 Volts, 600W @ 24 Volts. Order "RSE" Extensions to increase length if necessary. Easily converts to a "T" Joiner or a supported "L" Joiner.  
**4 1/8" Length**

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARJ11	STN	ARJ11-STN
	BRZ Vintage Bronze	
	CHR Chrome	
	STN Satin Nickel	

## RSE Support Extensions



### PRODUCT DESCRIPTION

Field cuttable. Multiple units can be coupled together with RSJ connector (order separately). Use with ARJ06, ARJ06R, ARRWS, ARJ10 or ARJ11 joiners.

### ORDERING INFORMATION

Model	Hardware Finish	Example
RSE-12	STN	RSE-12-STN
RSE-12	BRZ Vintage Bronze	
RSE-24	CHR Chrome	
RSE-36	STN Satin Nickel	
RSE-48		

## ARPF1-12 12' MonoTrack Floating Power Feed



### PRODUCT DESCRIPTION

Powers system at any point along the track. Includes 12' (144") of secondary wire. 25 amp max. 300W @ 12Volts, 600W @ 24Volts.  
**12' Length**

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARPF1-12	STN	ARPF1-12-STN
	BRZ Vintage Bronze	
	CHR Chrome	
	STN Satin Nickel	

# SYSTEMS MonoTrack

## ARPFA MonoTrack Power Feed



### PRODUCT DESCRIPTION

MonoTrack Power Feed for J-box Mounting.  
25 amp max. 300W @ 12Volts, 600W @ 24Volts.  
**4 1/2" Diameter Canopy 4 1/8" Height**

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARPFA	STN	ARPFA-STN
	BRZ Vintage Bronze	
	CHR Chrome	
	STN Satin Nickel	

## ARPFA12, ARPFA24, ARPFA36 MonoTrack Power Feed



### PRODUCT DESCRIPTION

With 12", 24" or 36" offset for J-box mounting.  
Field cuttable to length. 25 amp max.  
300W @ 12Volts, 600W @ 24Volts.  
**4 1/2" Diameter Canopy**

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARPFA12	STN	ARPFA12-STN
ARPFA12	12" Length BRZ Vintage Bronze	
ARPFA24	24" Length CHR Chrome	
ARPFA36	36" Length STN Satin Nickel	

## ARPFA2 MonoTrack Dual Power Feed



### PRODUCT DESCRIPTION

Same as above with two power feeds. Powers 2 separate circuits.  
2 x 25 amp max. 2 x 300W @ 12Volts, 2 x 600W @ 24Volts.  
**4 1/2" Diameter Canopy 4 1/8" Height**

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARPFA2	STN	ARPFA2-STN
	BRZ Vintage Bronze	
	CHR Chrome	
	STN Satin Nickel	

## ARPFA212, ARPFA224, ARPFA236 MonoTrack Dual Power Feed



### PRODUCT DESCRIPTION

With 12", 24", or 36" offset for J-box mounting.  
Field cuttable to length. 2 x 25 amp max.  
2 x 300W @ 12Volts, 2 x 600W @ 24Volts.  
**4 1/2" Diameter Canopy**

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARPFA212	STN	ARPFA212-STN
ARPFA212	12" Length BRZ Vintage Bronze	
ARPFA224	24" Length CHR Chrome	
ARPFA236	36" Length STN Satin Nickel	

## ARPFDA MonoTrack Power Feed w/Junction Box



### PRODUCT DESCRIPTION

For ceiling mount applications where there is no junction box.  
1/2" K.O. for conduit fitting or wire clamp. 25 amp max.  
300W @ 12Volts, 600W @ 24Volts.  
**1 3/4" Diameter Canopy 4 1/8" Height**

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARPFDA	STN	ARPFDA-STN
	BRZ Vintage Bronze	
	STN Satin Nickel	

## ARPFDA MonoTrack Power End Feed



### PRODUCT DESCRIPTION

Allows end feed from wall. 1/2" K.O. for conduit fitting. 25 amp max.  
300W @ 12Volts, 600W @ 24Volts.  
**1 3/4" Diameter 3" Height**

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARPFDA	STN	ARPFDA-STN
	CHR Chrome	
	STN Satin Nickel	

# SYSTEMS MonoTrack

## ARPFAR MonoTrack J-Box Mounting Power Feed



### PRODUCT DESCRIPTION

For sloped ceilings. 36" length—field cuttable. 25 amp max. 300W @ 12Volts, 600W @ 24Volts.  
**36" Length 4 1/2" Diameter Canopy**

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARPFAR	STN	ARPFAR-STN
	BRZ Vintage Bronze	
	CHR Chrome	
	STN Satin Nickel	

## ARPFEND MonoTrack Power End Feed



### PRODUCT DESCRIPTION

Mounts over J-box. Allows end feed from wall. 25 amp max. 300W @ 12Volts, 600W @ 24Volt.  
**4 1/2" Diameter 1 1/2" Length**

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARPFEND	STN	ARPFEND-STN
	BRZ Vintage Bronze	
	CHR Chrome	
	STN Satin Nickel	

## ARPFW MonoTrack Wall Mount Power Feed



### PRODUCT DESCRIPTION

Feeds MonoTrack parallel to wall. Mounts over J-box. Includes cable support. 25 amp max. 300W @ 12Volts, 600W @ 24Volts.  
**24" Length 4 1/2" Diameter Canopy**

### ORDERING INFORMATION

Model	Hardware Finish	Example
ARPFW	STN	ARPFW-STN
	BRZ Vintage Bronze	
	CHR Chrome	
	STN Satin Nickel	

## RSF-EXT Power Feed Extensions



### PRODUCT DESCRIPTION

Field cuttable.

### ORDERING INFORMATION

Model	Hardware Finish	Example
RSF-EXT2	STN	RSF-EXT12-STN
RSF-EXT12	BRZ Vintage Bronze	
RSF-EXT24	CHR Chrome	
RSF-EXT36	STN Satin Nickel	
RSF-EXT48		

## AR151 MonoTrack Surface Mounted 12V 150W Electronic Transformer



### PRODUCT DESCRIPTION

Direct power feed. Includes all mounting hardware. May be used with dimmers designed for use with electronic low voltage transformers. Can be ordered with sloped ceiling or custom power feed lengths. Consult factory. 120V input, 12V output.  
**5 1/2" Diameter Canopy 4 1/8" Height**

### ORDERING INFORMATION

Model	Hardware Finish	Example
AR151	STN	AR151-STN
	BRZ Vintage Bronze	
	STN Satin Nickel	

## AR301 MonoTrack 12V 300W Magnetic Transformer



### PRODUCT DESCRIPTION

Surface mounted. Direct power feed. Equipped with 25A secondary breaker. De-buzzing coil included. May be used with appropriate dimmer. Can be ordered with custom power feed lengths. Consult factory. 120V input, 12V output.  
**8 1/2" Diameter 4 1/8" Height**

### ORDERING INFORMATION

Model	Hardware Finish	Example
AR301	STN	AR301-STN
	BRZ Vintage Bronze	
	CHR Chrome	
	STN Satin Nickel	

# SYSTEMS MonoTrack

## AR300-24V MonoTrack 24V 600W Magnetic Transformer



### PRODUCT DESCRIPTION

Surface mounted. Direct power feed. Equipped with 25A secondary breaker. Can be ordered with custom power feed lengths. Consult factory. 120V input, 12V output.

**8 1/2" Diameter 4 1/8" Height**

### ORDERING INFORMATION

Model	Hardware Finish	Example
AR300-24V	STN	AR300-24V-STN
	BRZ Vintage Bronze	
	CHR Chrome	
	STN Satin Nickel	

## AR302 MonoTrack 12V 250W Electronic Transformer



### PRODUCT DESCRIPTION

Surface mounted. Direct power feed. May be used with dimmers designed for use with electronic low voltage transformers. Can be ordered with custom power feed lengths. Consult factory. 120V input, 12V output.

**4 1/8" Height 5 1/2" Diameter**

### ORDERING INFORMATION

Model	Hardware Finish	Example
AR302	STN	AR302-STN
	BRZ Vintage Bronze	
	STN Satin Nickel	

## 99150 12V 150W Remote Mount Magnetic Transformer



### PRODUCT DESCRIPTION

12-volt 150 watt single circuit magnetic transformer for remote mounting. Equipped with secondary breaker. 120V input, 12V output.

**10" Height 3 5/8" Width 4" Diameter**

### ORDERING INFORMATION

Model	Example
99150	99150

## 99106 12V 300W Remote Mount Magnetic Transformer



### PRODUCT DESCRIPTION

Equipped with 25A secondary breaker. Available with 277 VAC input. 120V input, 12V output.

**8 3/4" Length 4 1/4" Width 4" Height**

### ORDERING INFORMATION

Model	Example
99106	99106
99106	
99106-277V-12	

## 99106-PM 12V 300W Remote Mount Magnetic Transformer with Power Monitoring Protection



### PRODUCT DESCRIPTION

Option contains auto resetting short circuit and overload protection. 120V input, 12V output.

**6 1/2" Length 3 1/2" Width 3" Height**

### ORDERING INFORMATION

Model	Example
99106-PM	99106-PM

## 99107 12V 2 x 300W Remote Mount Magnetic Transformer



### PRODUCT DESCRIPTION

Dual 300W outputs. Equipped with 25A secondary breakers. Available with 277 VAC input. 120V input, 12V output.

**9 1/2" Length 4 1/2" Width 5" Height**

### ORDERING INFORMATION

Model	Example
99107	99107
99107	
99107-277V-12	



# SYSTEMS MonoTrack

## 99107-PM 12V 2 x 300W Remote Mount Magnetic Transformer with Power Monitoring Protection



### PRODUCT DESCRIPTION

Dual 300W outputs. Option contains auto resetting short circuit and overload protection. 120V input, 12V output.  
**7 1/4" Length 4 3/4" Width 4 1/4" Height**

### ORDERING INFORMATION

Model	Example
99107-PM	99107-PM

## 99116 24V 600W Remote Mount Magnetic Transformer



### PRODUCT DESCRIPTION

Equipped with 25A secondary breaker. 120V input, 24V output.  
**9 1/2" Length 4 1/2" Width 5" Height**

### ORDERING INFORMATION

Model	Example
99116	99116

## 99117 24V 2 x 600W Remote Mount Magnetic Transformer



### PRODUCT DESCRIPTION

Dual 600W outputs. Equipped with 25A secondary breakers. 120V input, 24V output.  
**10 1/2" Length 6" Width 5 1/2" Height**

### ORDERING INFORMATION

Model	Example
99117	99117

## 995 Secondary Wire



### PRODUCT DESCRIPTION

10 Gauge two conductor. High strand count reduces voltage drop. Alfa secondary wire is sold by the foot. Specify length when ordering. Example: 10' of 995 Secondary Wire is ordered as 10-995-BLK.

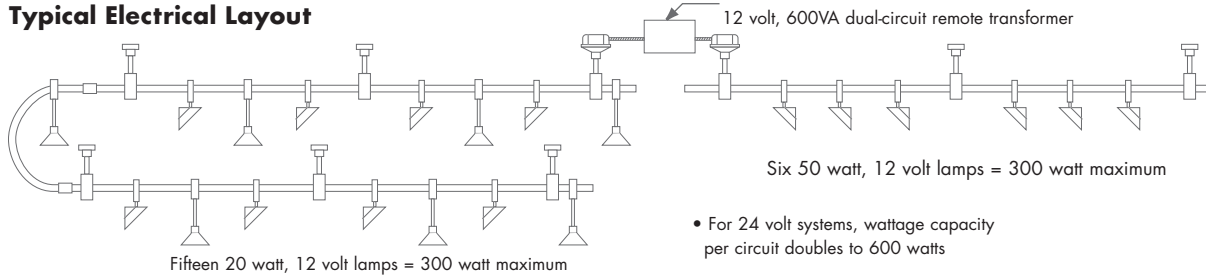
### ORDERING INFORMATION

Model	Hardware Finish	Example
995	BLK	995-BLK
	BLK	Black
	CLR	Clear
	COP	Copper
	WHT	White

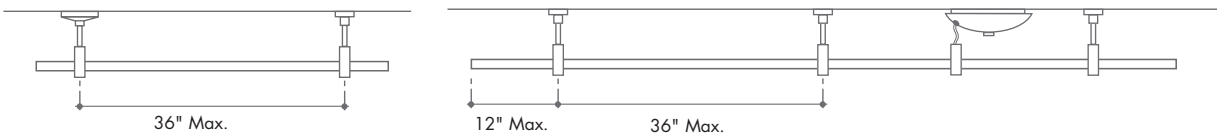
**MonoTrack Layout Tips**

Alfa MonoTrack is a hand-bendable low voltage rail system that allows unlimited design possibilities. The following examples provide basic ideas for layouts and simple installation guidelines.

**Typical Electrical Layout**

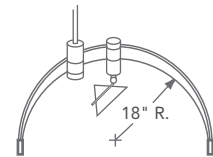


**Straight Runs**



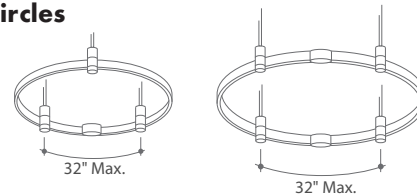
As a minimum, use one support every three feet. Supports can be placed over joiners for a seamless look. (Note: In applications where a large number of fixtures or heavy pendants are used, additional supports more closely spaced may be required)

**Minimum Bending Radii**



MonoTrack can be bent to a minimum 18" radius. If uncertain about a desired layout, please contact the factory.

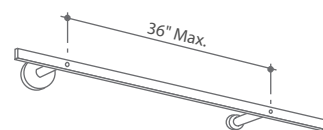
**Circles**



A perfect circle can be made using an 8' section of trac supported at three points 32" apart. This results in a 30.5" diameter circle.

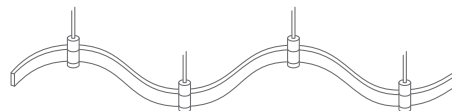
Larger circles can be made by joining multiple trac sections, as long as supports are no greater than 32" apart.

**Wall Support**



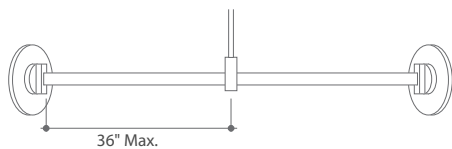
Wall supports should also be placed no more than 36" apart.

**Waveforms**



For waveforms, it is recommended that the supports be located at the "peaks" of the wave form for greater trac stability.

**Wall Feed**



When using a wall feed, the maximum free span of track before a feed cylinder or support cylinder is employed is 36".

**Voltage Drop**

On a 12V system with remote magnetic transformer, the maximum run is 35', including the secondary wire from the transformer to the start of the MonoTrack system. Secondary wire must be a minimum of 10 gauge. Alfa #995 wire is recommended for best results.

On a 24V system with remote magnetic transformer, the maximum run is 70' including the secondary wire from the transformer to the start of the MonoTrack system. Secondary wire must be a minimum of 10 gauge. Alfa #995 wire is recommended for best results.