



# SANDBAR™ 8 WIRE MODULAR SOLUTION



## THE PERFECT MATCH.

### CLEAN & SIMPLE UNDER-MOUNT POWER SOLUTION

Sandbar™ provides an attractive yet flexible way to incorporate your 8 wire, 4 circuit 3+1 electrical system into many furniture applications. It is offered in a single-sided configuration for individual workstations, computer tables, as well as a double-sided configuration for back-to-back applications like benching systems. Flexible mounting options allow Sandbar to be attached to the bottom of a work surface or onto a modesty panel, depending on your design requirements. Options for data and controlled circuits to comply with Ashrae 90.1 or Title 24 regulations are available.



## FEATURES:

## Applications

Under  
Benching systems

## Standard Finishes

Silver



Black (Textured Finish)

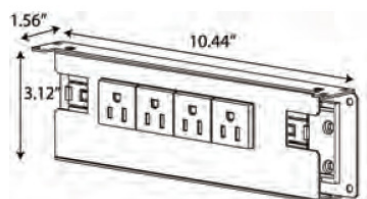


## Specifications

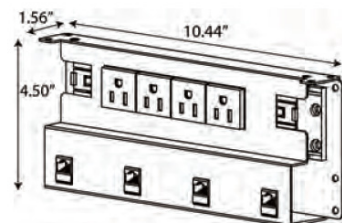
- Single Sided: 4 - 15A/120V AC Power Receptacles
- Double Sided: 8 - 15A/120V AC Power Receptacles
- Configurations with Controlled -Circuit 120 VAC Receptacles Available (*Controlled Receptacles Comply with ASHRAE 90.1 & Title 24 Energy Standards*)
- Configurations Include Single & Double-Sided, Data Ready or Power Only
- Single-Sided Data Ready Configurations Include Data Bracket with 4 Data Knockouts
- Compatible with Select Electri-Pak System Components - *See EP Literature for Component Details*
- Double-Sided Data Ready Configurations Include Data Bracket with 8 Data Knockouts
- Optional Telecom Plate Knockout Accessory: IPLY Bracket
- Recommended Table Thickness: Minimum of 0.75"
- No Cut Outs Required - Retrofit to Existing Furniture
- Screws/Hardwire provided for Installation
- ETL Listed for US and Canada
- Ashrae 90.1 & Title 24 Complaint (*See Ashrae 90.1 & Title 24 Literature to Learn More*)

## Dimensions

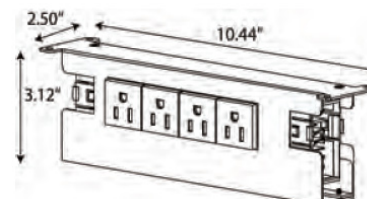
- Power Only Single-Sided Sandbar Dimensions :  
10.44" x 1.56" x 3.13"
- Data Ready Single-Sided Sandbar Dimensions:  
10.44" x 1.56" x 4.50"
- I PLY DATA 1 (1 Telecom Plate Knockout) Dimensions :  
5.08" x 2" x 2.25"
- Power Only Double-Sided Sandbar Dimensions:  
10.44" x 2.50" x 3.12 "
- Data Ready Double-Sided Sandbar Dimensions:  
10.44" x 2.50" x 4.50"
- I PLY DATA (2 Telecom Plate Knockouts) Dimensions:  
9" x 2" x 2.25"



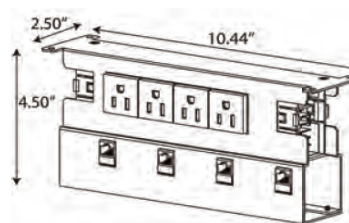
Single-Sided  
Power Only Shown



Single-Sided  
Power & Data Ready Shown



Double-Sided  
Power Only Shown

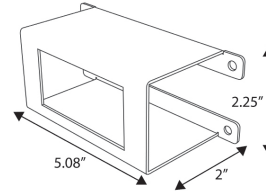


Double-Sided  
Power & Data Ready Shown

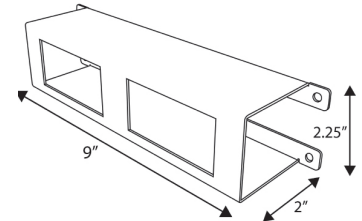
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*IPLY Telecom Plate Accessory (featured to the right)*

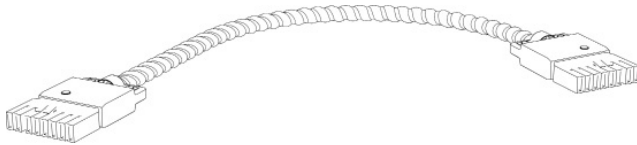
- **Intended Applications:** bracket for either single or double telecom plate knockouts.



IPLY DATA 1  
Accessory



IPLY DATA  
Accessory



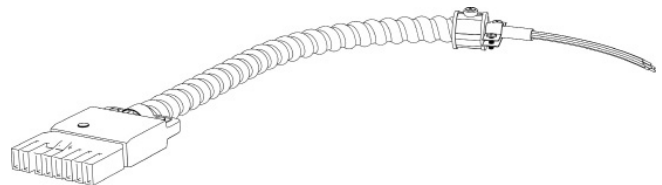
*Interconnecting Cable Accessory Specifications  
(featured to the left)*

- Cable Lengths Available in 1" Increments
  - 8 Wire Diameter: 9/16" Oval Trade Size
  - #10 AWG Super Neutral in 8 Wire 4 Circuit; #12 AWG in all Other Systems
  - Metal Flex made of Galvanized Steel
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*Starter Option Accessory (featured to the right)*

- Flex Cable Lengths: 12" Min-180" Max
  - SOW Cord: 0.59 Round
  - 8 Wire Diameter: 9/16" Round Trade Size
  - Galvanized Steel; #10 AWG Super Neutral in 8 Wire 4 Circuit; #12 AWG in all Other Systems
  - Insulation: THHN, THWN Rated 600V
- 



## SINGLE-SIDED DATA READY CONFIGURATIONS

SELECT YOUR POWER:

CHOOSE YOUR FINISH:

POWER	DATA KNOCKOUTS	STANDARD CIRCUITS	CONTROLLED CIRCUITS
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SILVER

BLACK

SANDBAR™ | SINGLE-SIDED | DATA READY

4	4	1, 2, IG, 4	-
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84 SBS-S-12IG4

84 SBS-B-12IG4

SANDBAR™ | SINGLE-SIDED | DATA READY | 4 CIRCUIT 1 RECEPTACLE

4	4	1, 1, 1, 1	-
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84 SBS-S-1111

84 SBS-B-1111

SANDBAR™ | SINGLE-SIDED | DATA READY | CIRCUITS 1 &amp; 2 CONTROLLED

4	4	IG, 4	1, 2
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84 SBS-S1C2C34

84 SBSB1C2CIG4

SANDBAR™ | SINGLE-SIDED | DATA READY | CIRCUITS 3 &amp; 4 CONTROLLED

4	4	1, 2	3, 4
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84-SBS-S123C4C

84 SBS-B-123C4C

## SINGLE-SIDED POWER ONLY CONFIGURATIONS

SELECT YOUR POWER:

CHOOSE YOUR FINISH:

POWER	DATA KNOCKOUTS	STANDARD CIRCUITS	CONTROLLED CIRCUITS
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SILVER

BLACK

SANDBAR™ | SINGLE-SIDED | CIRCUITS 1, 2, 3IG, &amp; 4

4	-	1, 2, IG, 4	-
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84 SBSPS-12IG4

84 SBSSPB-12IG4

SANDBAR™ | SINGLE-SIDED | 4 CIRCUIT 1 RECEPTACLE

4	-	1, 1, 1, 1	-
---	---	------------	---

84 SBSPS-1111

84 SBSPB-1111

SANDBAR™ | SINGLE-SIDED | CIRCUITS 1 &amp; 2 CONTROLLED

4	-	IG, 4	1, 2
---	---	-------	------

84 SBSPS1C2C34

84 SBSPB1C2CIG4

SANDBAR™ | SINGLE-SIDED | CIRCUITS 3 &amp; 4 CONTROLLED

4	-	1, 2	3, 4
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84 SBSPS123C4C

84 SBSPB123C4C

## DOUBLE-SIDED DATA READY CONFIGURATIONS

SELECT YOUR POWER:

CHOOSE YOUR FINISH:

POWER	DATA KNOCKOUTS	STANDARD CIRCUITS	CONTROLLED CIRCUITS
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SILVER

BLACK

SANDBAR™ | DOUBLE-SIDED | DATA READY

8	8	1, 2, IG, 4	-
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84 SBD-S-12IG4

84 SBD-B-12IG4

SANDBAR™ | DOUBLE-SIDED | DATA READY | 4 CIRCUIT 1 RECEPTACLE

8	8	1, 1, 1, 1	-
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84 SBD-S-1111

84 SBD-B-1111

SANDBAR™ | DOUBLE-SIDED | DATA READY | CIRCUITS 1 &amp; 2 CONTROLLED

8	8	IG, 4	1, 2
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84 SBD-S1C2C34

84 SBDB1C2CIG4

SANDBAR™ | DOUBLE-SIDED | DATA READY | CIRCUITS 3 &amp; 4 CONTROLLED

8	8	1, 2	3, 4
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84-SBD-S123C4C

84 SBD-B-123C4C

## DOUBLE -SIDED POWER ONLY CONFIGURATIONS

SELECT YOUR POWER:

CHOOSE YOUR FINISH:

POWER	DATA KNOCKOUTS	STANDARD CIRCUITS	CONTROLLED CIRCUITS
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SILVER

BLACK

SANDBAR™ | DOUBLE-SIDED | CIRCUITS 1, 2, 3IG, &amp; 4

8	-	1, 2, IG, 4	-
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84 SBDPS-12IG4

84 SBDSPB-12IG4

SANDBAR™ | DOUBLE-SIDED | 4 CIRCUIT 1 RECEPTACLE

8	-	1, 1, 1, 1	-
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84 SBDPS-1111

84 SBDPB-1111

SANDBAR™ | DOUBLE-SIDED | CIRCUITS 1 &amp; 2 CONTROLLED

8	-	IG, 4	1, 2
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84 SBDPS1C2C34

84 SBDPB1C2CIG4

SANDBAR™ | DOUBLE-SIDED | CIRCUITS 3 &amp; 4 CONTROLLED

8	-	1, 2	3, 4
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84 SBDPS123C4C

84 SBDPB123C4C

## Starter-Cable Quick Specs:

Flex Cable Lengths= 12" min- 180" max  
 SOW Cord= .59 round  
 8 Wire Diameter= 9/16" round Trade Size  
 Galvanized Steel; #10 AWG super neutral in 8 Wire 4 Circuit; #12 AWG in  
 all other systems  
 Insulation: THHN, THWN, rated 600 volts

DESCRIPTION	DIMENSIONS	PART NUMBER
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Starter Options - Single Circuit		
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- |  |                      |                |
|--|----------------------|----------------|
| • 8 wire systems - female flex cable length with 24" SOW cord with 20 AMP plug | 3.38" x 2.01" x .61" | 84 20AP1-48-24 |
|--|----------------------|----------------|

15 Amp adapter cord is included for Canadian applications where only 15 Amp is required. Combined length of 24" SOW cord and Flex Cable cannot exceed 72".

Starter Options - Multi-Circuit		
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- |   |                      |           |
|---|----------------------|-----------|
| • 8 wire systems - female flex cable length | 3.38" x 2.01" x .61" | 84 SB2-L* |
|---|----------------------|-----------|

All circuits rated for 20 AMPs and are energized. Whip end connected to building power by electrician. Female end connects to ECA Power Modules  
 \*Lengths specified in inches

Starter Options - Special Purpose Multi-Circuit		
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- |   |                      |           |
|---|----------------------|-----------|
| • 8 wire systems - female flex cable length | 3.38" x 2.01" x .61" | 84 SB1-L* |
|---|----------------------|-----------|

Used as Power Infeed in New York City. Circuits rated for 20 AMPs and are energized. Connected to building power by electrician  
 \*Lengths specified in inches

Starter Options - Quick Disconnect		
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- |   |           |       |
|---|-----------|-------|
| • 8 wire systems - Fits into a standard decora plate opening. 42, 83, 84 FF cables plug into Quick Disconnect. Other end of FF cable plugs into Power Module. | 4 11/16th | 84 QD |
|---|-----------|-------|

4 11/16" junction box included with 84 systems. Textured Black finish on face plate.

## Interconnecting-Cable Quick Specs:

Cable lengths available in 1" increments  
 8 Wire Diameter= 9/16" oval Trade Size  
 #10 AWG super neutral in 8 Wire 4 Circuit; #12 AWG  
 in all other systems  
 Metal Flex made of Galvanized Steel

## DESCRIPTION

## DIMENSIONS

## PART NUMBER

Interconnecting Cables - (Used to interconnect one power module to the next)

Female/Female Metal Flex Cable

- 8 wire 4 circuit cable

8 Wire= 3.38" x 2.01" x .61"

84 FF-"L"

Also available in male/male—change "FF" in part number to "MM"  
 Minimum Length: 12" Maximum Length: 180"

Interconnecting Cables - (Connects to a starter cable or can be used as an extension to a female/female cable)

Female/Male Metal Flex Cable

- 8 wire 4 circuit cable

8 Wire= 4.25" x 2.23" x .73"

84 FM-"L"

Also available in male/male—change "FF" in part number to "MM"  
 Minimum Length: 12" Maximum Length: 180"

Interconnecting Cables - (Used to split an application into two directions as a "Y" coupler)

Female/Dual Male Metal Flex Cable

- 8 wire 4 circuit cable

8 Wire= 4.25" x 2.23" x 1.43"

84 FD-"L"

Also available in male/male—change "FF" in part number to "MM"  
 Minimum Length: 12" Maximum Length: 180"

Interconnecting Cables - (Connects two power modules together within a panel where multiple receptacles are required)

Female/Female Rigid Channel

- 8 wire 4 circuit F/F Rigid Channel

N/A

84 CFF-"L"

Also available in male/male—change "FF" in part number to "MM"  
 Minimum Length: 1.50" Maximum Length: 12"

ADDITIONAL ACCESSORIES:

## DESCRIPTION

## FINISH

## PART NUMBER

- IPLY bracket for one telecom plate
- IPLY bracket for two telecom plates

Black

IPLY S DATA 1

Black

IPLY S DATA