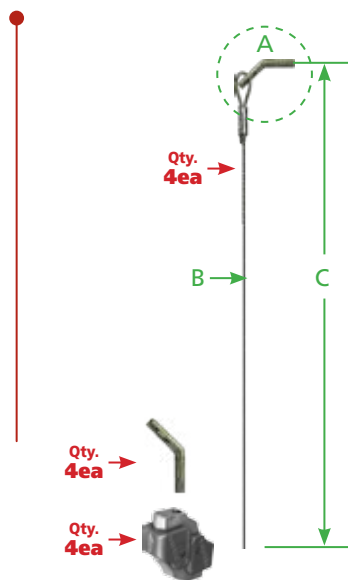


Fig. 772

Wedgy Pendant Fixture 4 Way Sway Splay



- Provides a pre-engineered and code compliant sway bracing solution
- The Fastball is quickly installed by inserting the cable into the "V Groove" and tightening a thumb screw. No Tools Required!!!!
- Fasteners are selected and pre-staked for Concrete, Steel or Wood attachments
- Engineered as a COMPLETE ASSEMBLY!
- Assembly maximum capacities vary by substrate and embedment. Refer to the guidelines on the next page and tables below for useable loads
- Manufactured to ASTM A1023 and ASTM A931



Assembly contains (Splay Arms Only):

- 4ea Splay Arms (1.5 times the length of the vertical drop to accommodate the splay)
- 4ea Selected anchors without cable
- 4ea Wedgys (for the Splay Arms)

Contractor:		Ship to Address:	
PO#		Order Date:	
**All Orders are Custom and Therefore Non-cancellable and Non-returnable			

Cable Assembly Capacity	
1/16" Cable	77#
3/32" Cable	158#
1/8" Cable	314#



	A(6**)	B	C	Qty
Fig 772				
Fig 772				
Fig 772				

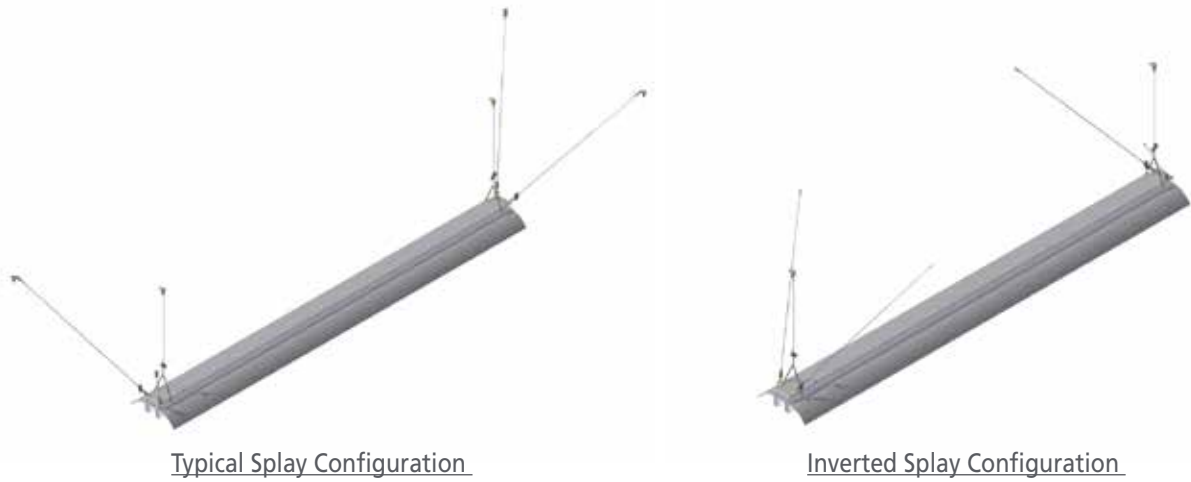
A				B		C	
Attachment to Structure ¹				Cable Diameter		Cable Length	
Concrete Connections	Anchor Capacity	Wood Connections	Anchor Capacity				
600-1 Powers Pin & Clip (1-1/8" Embed.) ²	145#	640-1 Wood Eyelag - 1/4" x 3"	140#	*01	1/16" Cable	Select the length of the short cable. The length should be at least 1.5 times the vertical drop length. The long cable will be double the length selected.	
600-2 Powers Pin & Clip (7/8" Embed.) ²	120#	640-2 Wood Eyelag - 1/4" x 4"	140#	*02	3/32" Cable		
600-3 Ramset Pin & Clip (1-1/8" Embed.) ²	99#	640-3 Wood Eyelag - 1/4" x 5"	140#	*03	1/8" Cable		
600-4 Ramset Pin & Clip (3/4" Emb. NWC ONLY) ²	120#	641 Timberpin	100#				
601-1 90° Clip and 1/4" (5/16") x 2" Tapcon	92#	Cast-in-Place Connections					
601-2 90° Clip and 3/8" x 3" Tapcon	314#	660 Pigtail Loop - 20g Deck (No Fill)	133#				
601-1 90° Clip and 1/4" x 3-1/4" Wedge Anchor	314#	660 Pigtail Loop - 20g Deck with LWC	300#				
602-2 90° Clip and 3/8" x 3" Wedge Anchor	168#	661 Rebar Tie - 22g Deck (No Fill)	200#	*01	3'		
605 Tie Wire Wedge Anchor (1/4" Dia.)	90#	661 Rebar Tie - 22g Deck with LWC	314#	*02	6'		
606 Tie Wire Spike Anchor (1/4" Dia.)	62#	665 45° Clip and 3/8" x 1-1/2" Hex Bolt (SDI143812 Blue Banger)	314#	*03	9'		
620 Loop Connection	314#	667 45° Clip and 3/8" x 1-3/4" Hex Bolt ((SDI381258 Blue Banger)	314#	*04	12'		
625-1 45° Clip w/ #10 HWH Self Driller (20g)	99#	668 45° Clip and 3/8" x 1-1/2" Hex Bolt ((PIP143812 Blue Banger)	314#	*05	15'		
625-2 45° Clip w/ #10 HWH Sharp Point (22g)	44#	669 45° Clip and 3/8" x 1-3/4" Hex Bolt ((PIP381258 Blue Banger)	314#	*06	18'		
627-1 45° Clip w/2ea #10 HWH Self Drillers (20g)	198#	Angle Clip Only		*07	21'		
627-2 45° Clip w/2ea #10 HWH Sharp Point(20g)	88#	682 90° Bracket with 1/4" Anchor Hole	N/A	*08	24'		
		683 90° Bracket with 3/8" Anchor Hole	N/A	*09	27'		
				*10	30'		
				*25	Custom		

FOOTNOTES:

- 1) Attachment Capacities listed above are worst case. For values into specific substrate conditions refer to tables on Pages 10-15
- 2) For projects in Design Category C Ip>1.0 and D, E & F Ip=all Power Actuated Fasteners are limited to 90#. (OSHPD Projects 70#)

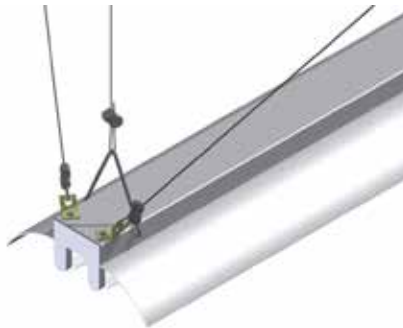
FIG 772

Wedgy Pendant Fixture 4 Way Sway Splay Fig 772



Typical Splay Configuration

Inverted Splay Configuration



How to determine the Wedgy Complete Assembly Capacity

Step 1:

- A) Determine the capacity of the Attachment to Structure. (Listed in column A or on Pages 10-15)
- B) Select the cable diameter of the Brace Arms. →
- C) Determine the Demand Load at each Connection to Structure.
 Demand Load = Fixture Weight X 2 (Brace Reaction Load Increase)

Cable Assembly Capacity	
1/16" Cable	77#
3/32" Cable	158#
1/8" Cable	314#

Step 2:

Confirm that the Demand Load is less than the Cable Assembly Capacity and Attachment to Structure.

	Example		Actual	
	Variable	Capacity	Variable	Capacity
Attachment to Structure	600-1 Pin and Clip	145#		
Fastball Capacity	3/32" Cable	78#		

Confirm that the Demand Load is less than either of these values.

Demand Load	Fixture Wt.	30#	X 1.4 ÷ 2	21#	Fixture Wt.		X 1.4 ÷ 2	
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CONSTRUCTION ENGINEERED ATTACHMENT SOLUTIONS

It's What We Do!