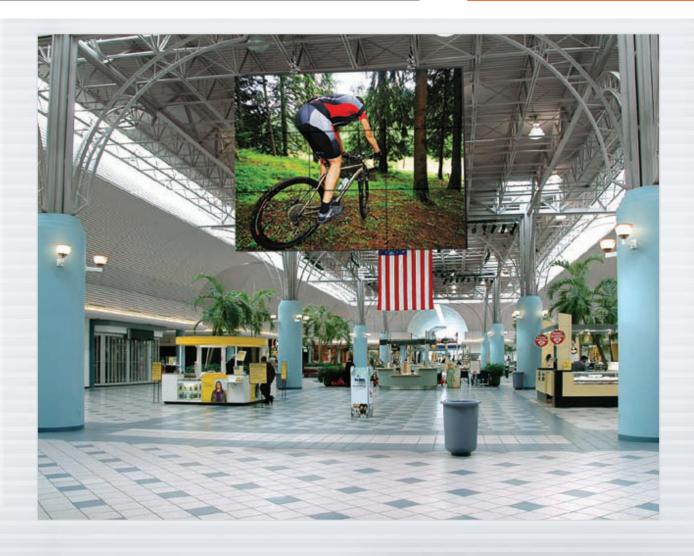
Interlocking Flyable LCD Video Wall System

MODULAR FLYING VIDEO WALL FRAME SYSTEM

NEC X551 UN



Assemble and fly large concert quality and seamless video walls, quickly and securely using the Adaptive's load-rated modular LCD framing system for NEC X551 UN LCD monitors.

Precision-machined connecting bars and compression locks link multiple LCD frames together, horizontally and vertically into a rigid framework that supports multiple LCD's. Precisely dimensioned mounting frames and LCD monitors are assembled in tiers, up to 8 deep and then the assembly is flown utilizing a loadrated rigging beam and suspension component system.

ALWAYS INSTALL SAFETY CABLES





As each tier is assembled, LCDs are loaded into slotted tracks that lock the LCD's into a nearly seamless position. Completed tiers are secured to the overhead rigging beam or to an upper tier, eliminating the substantial hours required to assemble and align traditional video walls.

Disassembling video walls is just as easy and safe through the use of quick release aircraft pins and custom handles.

Rigging Beams in Landscape Orientation



Connect frames horizontally



Load LCD's into frames



Assemble Rigging Beam to frames



Hoist first tier above assembly area



Assemble next tier



Assemble next or last tier

Features:

- Expands horizontally and vertically.
- · Landscape or portrait orientations.
- Load-rated Rigging Beams from 1 column to 5 columns and up to 8 monitors deep.
- Rigging Beam also secures to bottom of video wall for tilting.
- Cam-style compression locks provide seamless alignment between LCDs.
- Precision-machined connecting bars provide rugged overhead lifting and alignment.
- Powder-coated welded alloy steel frames.
- Quick-release locking pins make setup and teardown fast and simple.
- Optional free-standing leg supports makes setup easier and more predictable.



Fly and aim assembled video wall





NEC X551 UN

CONFIGURATIONS

The following configurations represent popular video display patterns, but many more variables are available. Contact our applications department for assistance in designing a custom display that assures a safe and easy to install video wall.

1 X 4 Flying Video Wall (Landscape)

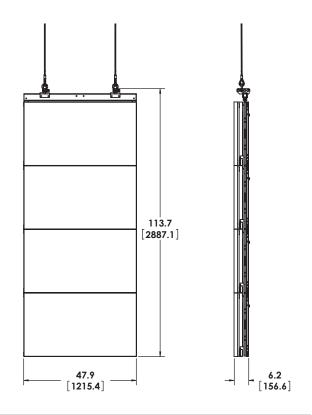
1 wide by 4 deep LCD's (8 Deep Maximum)

FOR PERMANENT INSTALLATIONS

4 pcs.	MVFS-X551-T	LCD Frame
1 pc.	MVFS-X551-X1RBL	1-Way Rigging Beam
2 pcs.	MVFS-1.5X2-SME	Shackle Mount
1pc.	MVFS-X551-X4RBP	Rigging beam portrait (used as a back brace)

OPTIONAL (ADD THE FOLLOWING KITS FOR STAGING AND RENTALS)

4 pcs.	MVFS-025-T-QRP	8pcs 1/4" Quick Release Pin / lanyard kit
1 pc.	MVFS-1.5-X1QRP	2pcs 1/4" Quick Release Pin / lanyard kit
2 pcs.	MVFS-375-ME-QRP	2pcs 3/8" Quick Release Pin / lanyard kit



1 X 2 Flying Video Wall (Portrait)

1 wide by 2 deep LCD's (8 Deep Maximum)

FOR PERMANENT INSTALLATIONS

2 pcs.	MVFS-X551-T	LCD Frame
1 pc.	MVFS-X551-X1RBP	1-Way Rigging Beam
2 pcs.	MVFS-1.5X2-SME	Shackle Mount
1pc	MVFS-X551-X2RBL	Rigging Beam (used as a back brace)

OPTIONAL (ADD THE FOLLOWING KITS FOR STAGING AND RENTALS)

2 pcs.	MVFS-025-T-QRP	8pc 1/4" Quick Release Pin / lanyard kit
1 pc.	MVFS-1.5-X1QRP	2pc 1/4" Quick Release Pin / lanyard kit
2 pcs.	MVFS-375-ME-QRP	2pc 3/8" Quick Release Pin / lanyard kit



101.3 [2573.6] - 27.0 [686.1]

Adaptive Technologies Group

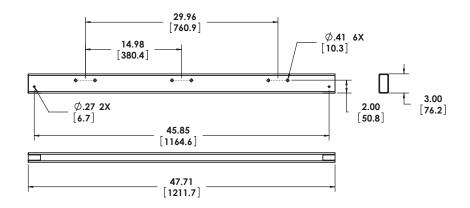


WARNING: Mounting and/or suspension of audio and video equipment requires experienced professionals. Improperly installed loudspeakers can result in property damage, personal injury and/or liability to the installing contractor.

NEC X551 UN

ONE-COLUMN RIGGING BEAMS

MAXIMUM OF 8 MONITORS PER COLUMN



MVFS-X551-X1RBL (Landscape)

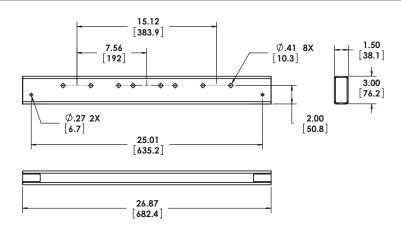
One column rigging beam

Working load: Using two inner hang points = 1060 lb./482 KgWorking load: Using two outer hang points = 895 lb./407

Kg.Design Factor: 10:1 ratio Material: Alloy Steel tubing Finish: Powder coat paint Color: Black

Weight: 13.1 lb./5.6 Kg Shipping weight: 21.4 lb./9.7 Kg

Pack Count: One



MVFS-X551-X1RBP (Portrait)

One column rigging beam

Working load: Using two inner hang points = 1060 lb./482 KgWorking load: Using two outer hang points = 895 lb./407

Kg.Design Factor: 10:1 ratio Material: Alloy Steel tubing Finish: Powder coat paint

Color: Black Weight: 13.1 lb./5.6 Kg Shipping weight: 21.4 lb./9.7 Kg

Pack Count:





NEC X551 UN

2 X 2 Flying Video Wall (Landscape)

2 wide by 2 deep LCD's (8 Deep Maximum)

FOR PERMANENT INSTALLATIONS

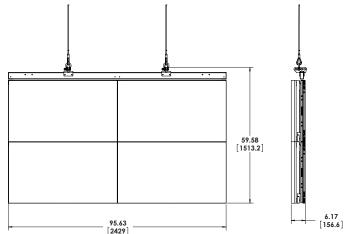
4 pcs.	MVFS-X551-T	LCD Frame
1 pc.	MVFS-X551-X2RBL	2-Way Rigging Beam
2 pcs.	MVFS-1.5X2-SME	Shackle Mount
2pcs.	MVFS-X551-X2RBP (used as a back brace)	Rigging Beam

OPTIONAL (ADD THE FOLLOWING KITS FOR STAGING AND RENTALS)

4 pcs.	MVFS-025-T-QRP	8pcs 1/4" Quick Release Pin / lanyard kit
1 pc.	MVFS-1.5-X2QRP	4pcs 1/4" Quick Release Pin / lanyard kit
2 pcs.	MVFS-375-ME-QRP	2pcs 3/8" Quick Release Pin / lanyard kit

CONFIGURATIONS

The following configurations represent popular video display patterns, but many more variables are available. Contact our applications department for assistance in designing a custom display that assures a safe and easy to install video wall.



2 X 2 Flying Video Wall (Portrait)

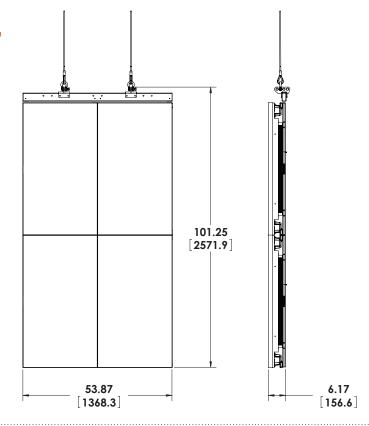
2 wide by 2 deep LCD's (8 Deep Maximum)

FOR PERMANENT INSTALLATIONS

4 pcs.	MVFS-X551-T	LCD Frame
1 pc.	MVFS-X551-X2RBP	2-Way Rigging Beam
2 pcs.	MVFS-1.5X2-SME	Shackle Mount
2pcs.	MVFS-X551-X2RBL	Rigging Beam used as a back brace)

OPTIONAL (ADD THE FOLLOWING KITS FOR STAGING AND RENTALS)

pcs.	MVFS-025-T-QRP	8pcs 1/4" Quick Release Pin / lanyard kit
1 pc.	MVFS-1.5-X2QRP	4pcs 1/4" Quick Release Pin / lanyard kit
2 pcs.	MVFS-375-ME-QRP	2pcs 3/8" Quick Release Pin / lanyard kit





Adaptive Technologies Group

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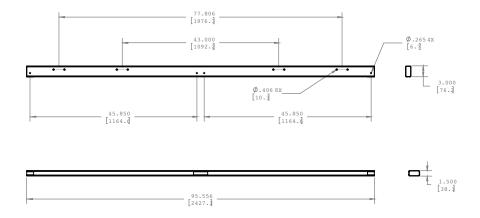
ALWAYS INSTALL SAFETY CABLES

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NEC X551 UN

TWO-COLUMN RIGGING BEAMS

MAXIMUM OF 8 MONITORS PER COLUMN



MVFS-X551-X2RBL (Landscape)

Two column rigging beam

Working load: Using two inner hang points = 1060 lb./482 KgWorking load: Using two outer hang points = 895 lb./407

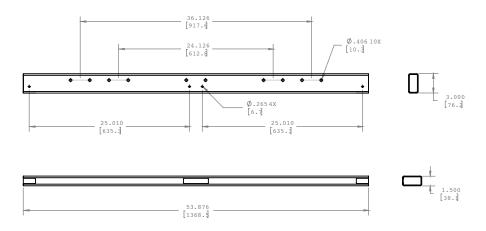
Kg.Design Factor 1 0:1 ratio

Material:Alloy Steel tubingFinish:Powder coat paint

Color: Black

Weight: 13.1 lb./5.6 Kg **Shipping weight:** 21.4 lb./9.7 Kg

Pack Count: One



MVFS-X551-X2RBP (Portrait)

Two column rigging beam

Working load: Using two hang points (inner and outer)= 982 lb./446.4 kg

Design Factor: 10:1 ratio

Material: Alloy Steel tubing Finish: Powder coat paint

Color: Black

Weight: 7.25 lb./3.3 Kg

Shipping weight: 11 lb.





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CONFIGURATIONS

The following configurations represent popular video display patterns, but many more variables are available. Contact our applications department for assistance in designing a custom display that assures a safe and easy to install video wall.

3 X 3 Flying Video Wall(Landscape)

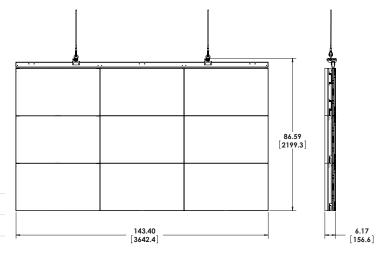
3 wide by 3 deep LCD's (8 Deep Maximum)

FOR PERMANENT INSTALLATIONS

9 pcs.	MVFS-X551-T	LCD Frame
1 pc.	MVFS-X551-X3RBL	3-Way Rigging Beam
2 pcs.	MVFS-1.5X2-SME	Shackle Mount
2 pcs.	MVFS-X551-X3RBP	3-Way Rigging Beam (used as a back brace)

OPTIONAL (ADD THE FOLLOWING KITS FOR STAGING AND RENTALS)

9 pcs.	MVFS-025-T-QRP	8pcs 1/4" Quick Release Pin / lanyard kit
1 pc.	MVFS-1.5-X3QRP	6pcs 1/4" Quick Release Pin / lanyard kit
2 pcs.	MVFS-375-ME-QRP	2pcs 3/8" Quick Release Pin / lanyard kit



3 X 3 Flying Video Wall (Portrait)

3 wide by 3 deep LCD's (8 Deep Maximum)

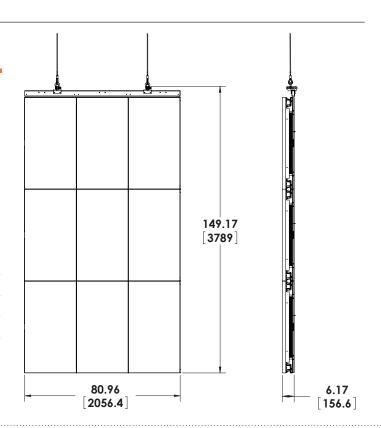
FOR PERMANENT INSTALLATIONS

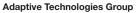
9 pcs.	MVFS-X551-T	LCD Frame
1 pc.	MVFS-X551-X3RBP	3-Way Rigging Beam
2 pcs.	MVFS-1.5X2-SME	Shackle Mount
2 pcs.	MVFS-X551-X3RBL	3-Way Rigging Beam (used as a back brace)

OPTIONAL (ADD THE FOLLOWING KITS FOR STAGING AND RENTALS)

9 pcs.	MVFS-025-T-QRP	8pcs 1/4" Quick Release Pin / lanyard kit
1 pc.	MVFS-1.5-X3QRP	6pcs 1/4" Quick Release Pin / lanyard kit
2 pcs.	MVFS-375-ME-QRP	2pcs 3/8" Quick Release Pin / lanyard kit







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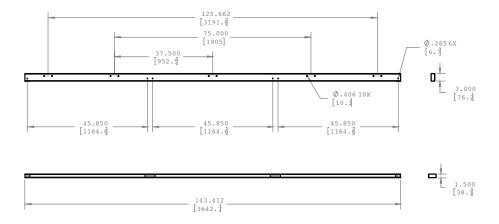
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NEC X551 UN

THREE-COLUMN RIGGING BEAMS

MAXIMUM OF 8 MONITORS PER COLUMN



MVFS-X551-X3RBL (Landscape)

Three column rigging beam

Working load: Using two hang points (Inner holes)= 1002 lb./455.5 kg.

Working load: Using Three hang points = 1768 lb./804 Kg.

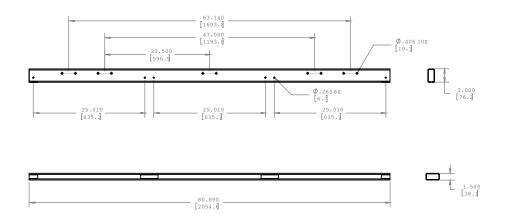
Design Factor: 10:1 ratio

Material:Alloy Steel tubingFinish:Powder coat paint

Color: Black

Weight: 39.3 lb./17.9 kg. **Shipping weight:** 47.6 lb./21.6 Kg.

Pack Count: One



MVFS-X551-X3RBP (Portrait)

Three column rigging beam

Working load: Using two hang points (inner & outer holes) =1746 lb./794 kg

Working load: Using three hang points =2964 lb./1347 Kg.

Design Factor: 10:1 ratio

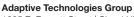
Material: Alloy Steel tubing Finish: Powder coat paint

Color: Black

Weight: 21.92 lb./10 Kg. **Shipping weight:** 30.2 lb/13.7 Kg.

Pack Count: One







NEC X551 UN

CONFIGURATIONS

The following configurations represent popular video display patterns, but many more variables are available. Contact our applications department for assistance in designing a custom display that assures a safe and easy to install video wall.

4 X 4 Flying Video Wall (Landscape)

4 wide by 4 deep LCD's (8 Deep Maximum)

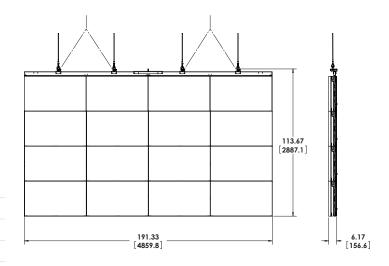
FOR PERMANENT INSTALLATIONS

16 pcs.	MVFS-X551-T	LCD Frame
1 pc.	MVFS-X551-X4RBL	4-Way Rigging Beam
4 pcs.	MVFS-1.5X2-SME	Shackle Mount
2 pcs.	MVFS-X551-X4RBP	4-Way Rigging Beam (used as a back brace)

OPTIONAL (ADD THE FOLLOWING KITS FOR STAGING AND RENTALS)

16 pcs.	MVFS-025-T-QRP	8pcs 1/4" Quick Release Pin / lanyard kit
1 pc.	MVFS-1.5-X4QRP	8pcs 1/4" Quick Release Pin / lanyard kit
2 pcs.	MVFS-375-ME-QRP	4pcs 3/8" Quick Release Pin / lanyard kit

Note: 2 pcs. 2-Way Rigging Beams with one MVFS-1.5X2-SMC Beam Connector may also be used in place of the 4-Way Rigging Beam.



4 X 3 Flying Video Wall (Portrait)

4 wide by 3 deep LCD's (8 Deep Maximum)

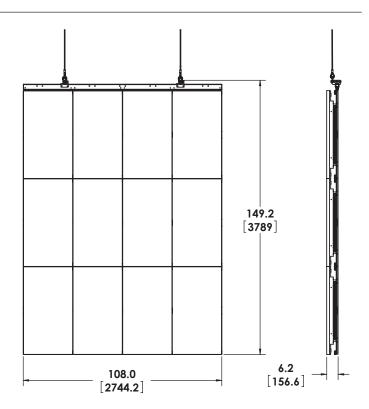
FOR PERMANENT INSTALLATIONS

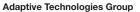
12 pcs.	MVFS-X551-T	LCD Frame
1 pc.	MVFS-X551-X4RBP	4-Way Rigging Beam
2 pcs.	MVFS-1.5X2-SME	Shackle Mount
2 pcs.	MVFS-X551-X3RBL	3-Way Rigging Beam (used as a back brace)

OPTIONAL (ADD THE FOLLOWING KITS FOR STAGING AND RENTALS)

12 pcs.	MVFS-025-T-QRP	8pcs 1/4" Quick Release Pin / lanyard kit
1 pc.	MVFS-1.5-X4QRP	8pcs 1/4" Quick Release Pin / lanyard kit
2 pcs.	MVFS-375-ME-QRP	2pcs 3/8" Quick Release Pin / lanyard kit







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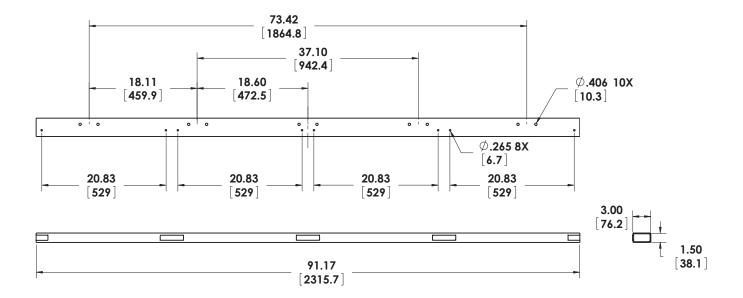
ALWAYS INSTALL SAFETY CABLES

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NEC X551 UN

FOUR-COLUMN RIGGING BEAMS

MAXIMUM OF 8 MONITORS PER COLUMN



MVFS-X551-X4RBP (Portrait)

Four column rigging beam

Working load: Using two hang points (inner holes) =1181 lb./537 Kg.

Using Three hang points (Outer holes) = 1759 lb/799 kg

Using four Hang points = 2942 lb./1337 Kg.

Design Factor: 10:1 ratio

Material:Alloy Steel tubingFinish:Powder coat paint

Color: Black

Weight: 29.3 lb./13.3 Kg.

Shipping weight: 37.25





ALWAYS INSTALL SAFETY CABLES

NEC X551 UN

5 X 5 Flying Video Wall (Landscape)

5 wide by 5 deep LCD's

FOR PERMANENT INSTALLATIONS

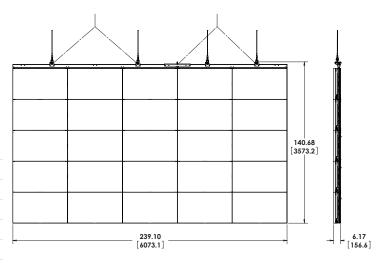
25 pcs.	MVFS-X551-T	LCD Frame
1 pc.	MVFS-X551-X2RBL	2-Way Rigging Beam
1 pc.	MVFS-X551-X3RBL	3-Way Rigging Beam
4 pc.	MVFS-1.5X2-SMC	Beam Connector
4 pcs.	MVFS-1.5X2-SME	Shackle Mount
3 pcs.	MVFS-X551-X5RBP	5-Way Rigging Beam (used as a back brace)

OPTIONAL (ADD THE FOLLOWING KITS FOR STAGING AND RENTALS)

25 pcs.	MVFS-025-T-QRP	8pcs 1/4" Quick Release Pin / lanyard kit
1 pc.	MVFS-1.5-X2QR P	4pcs 1/4" Quick Release Pin / lanyard kit
1 pc.	MVFS-1.5-X3QR P	6pcs 1/4" Quick Release Pin / lanyard kit
4 pcs.	MVFS-375-ME-QRP	4pcs 3/8" Quick Release Pin / lanyard kit
2 pcs.	MVFS-375-MC-QRP	4pcs 3/8" Quick Release Pin / lanyard kit

CONFIGURATIONS

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5 X 3 Flying Video Wall (Portrait)

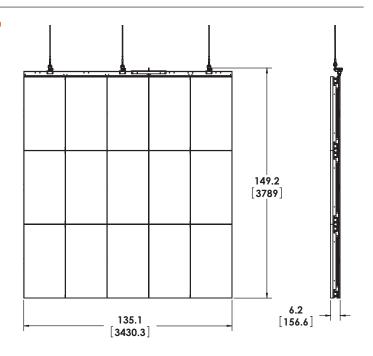
5 wide by 3 deep LCD's

FOR PERMANENT INSTALLATIONS

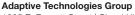
15 pcs.	MVFS-X551-T	LCD Frame
1 pc.	MVFS-X551-X2RBP	2-Way Rigging Beam
1 pc.	MVFS-X551-X3RBP	3-Way Rigging Beam
3 pcs.	MVFS-1.5X2-SME	Shackle Mount
1 pc.	MVFS-1.5X2-SMC	Beam Connector
3 pcs.	MVFS-X551-X3RBL	3-Way Rigging Beam (used as a back brace)

OPTIONAL (ADD THE FOLLOWING KITS FOR STAGING AND RENTALS)

15 pcs.	MVFS-025-T-QRP	8 pcs 1/4" Quick Release Pin / lanyard kit
1 pc.	MVFS-1.5-X2QRP	4 pcs 1/4" Quick Release Pin / lanyard kit
1 pc.	MVFS-1.5-X3QRP	6 pcs 1/4" Quick Release Pin / lanyard kit
3 pcs.	MVFS-375-ME-QRP	2 pcs 3/8" Quick Release Pin / lanyard kit
1 pcs.	MVFS-375-MC-QRP	4 pcs 3/8" Quick Release Pin / lanyard kit



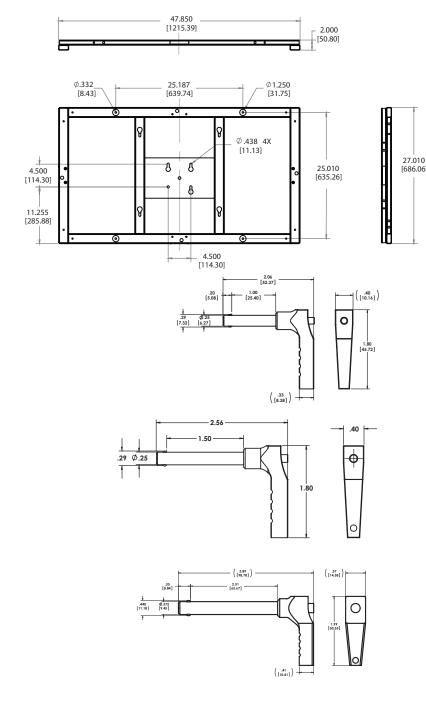








NEC X551 UN



Ø.19 X .19 OC SLOT

DIMENSIONS:

MVFS-X551-T

LCD Frame

Working Load: 264 lb. / 120 Kg **Design Factor:** 10:1 ratio Weight: 40 lb / 18.2 Kg Shipping weight: 45 lb / 20.5 Kg

Pack Count:

Material: Steel alloy tubing and high strength

aluminum connecting bars

Finish: Powder coat paint

Color: Black **Contents:** 1 Frame

MVFS-025-T-QRP

1/4" Quick Release Pin / Lanyard Kit

Working Load: 8,200 lb. / 3,727 Kg (double shear)

Design Factor: 5:1 ratio

Material: High-strength steel

Finish: Satin Color: Silver

Contents: 8 QRP's / Lanyard assemblies and hardware.

MVFS-1.5-X1QRP

1/4" Quick Release Pin / Lanyard Kit

8,200 lb. / 3,727 Kg (double shear) Working Load:

Design Factor: 5:1 ratio

Material: High-strength steel

Finish: Satin Color: Silver

Contents: 2 QRP's / Lanyard assemblies and hardware.

ORP375-25L-4130

3/8" Quick Release Pin

Working Load: 18,400 lb. / 8,364 Kg (double shear)

Design Factor: 5:1 ratio

Material: High-strength steel

Finish: Satin Color:

2 QRP's / Lanyard assemblies and hardware. **Contents:**

MVFS-X551-HNDL *

Replacement X551 Handle

Material: Steel

Finish: Vinyl clad over zinc

Color: Black

ALWAYS INSTALL SAFETY CABLES







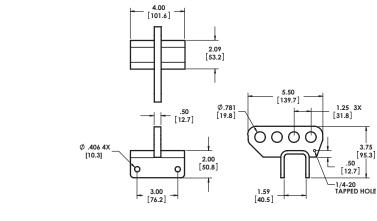


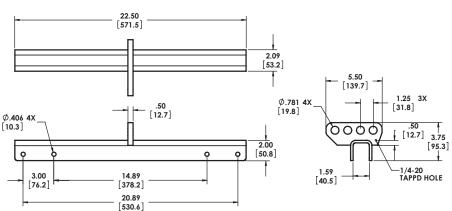


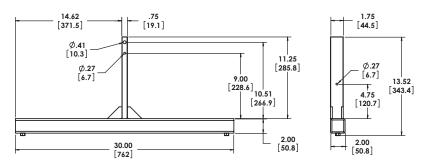


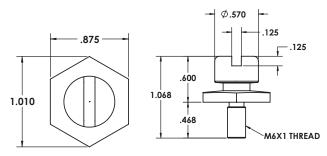
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NEC X551 UN









1.75 [44.5]

DIMENSIONS]

MVFS-1.5X2-SME

Shackle Mount - Extended

Working Load: 990 lb. / 450 Kg Design Factor: 0:1 ratio

Material: High-strength steel alloy Finish: Powder coat paint

Color: Black

Weight: 2.7 lb. / 1.2 Kg Shipping weight: 3.3 lb. / 1.5 Kg

Pack Count: One

MVFS-1.5X2-SMC

Rigging Beam Connector – Shackle Mount

Working Load: 624 lb. / 284 Kg Design Factor: 10:1 ratio

Material: High-strength steel alloy Finish: Powder coat paint

Color: Black

Weight: 9.0 lb. / 4.1 Kg **Shipping weight:** 11.3 lb. /5.1 Kg

Pack Count: One

MVFS-X551-F00T *

Floor Alignment Stand

Two required per column

Working Load: Steel alloy tubing Finish: Powder coat paint

 Color:
 Black

 Weight:
 9.0 lb. / 4.1 Kg

 Shipping weight:
 12 lb. / 5.1

* THIS IS AN ASSEMBLY FIXTURE ONLY. IT IS NOT FOR DISPLAY PURPOSES.

STAND OFF 9-0498*

Adjustable M6 Anchor

Material:SteelFinish:Zinc PlatedColor:BlackQTY:4 per monitor

* COMES WITH MVFS-V601-T-FRAME







