

Commercial Shielded Cabinet



Commercial Shielded Cabinets are a complete line of MIL-STD 285/IEEE-299-1997 commercial-grade shielded enclosures for lower-level emissions control. These shielded enclosures feature an EMI gasket material that compresses against a plated surface area to create the appropriate shielding levels to control radiated emissions.

Specifications:

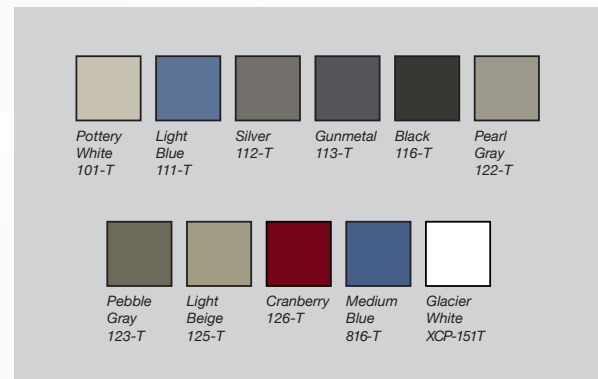
- Static load rating of 3,500 lbs.
- IEEE-299-2006 (previously MIL STD 285) Standard for Electromagnetic Shielding
- MIL STD810E Vibration
- EIA 310D Equipment Mount Specification
- MIL-STD-901D Shock
- ASTM-B633-98 Zinc Plating Specification Class SC2 Type 2 (Yellow)
- Three-point latch doors provide maximum shielding compression
- Choice of punched or #10-32 tapped mounting channels
- Gasket is field replaceable
- Standalone or multi-bay (in-line configurations)
- Full line of standard accessories
- Available in 11 standard colors
- Custom branding available
- Ten year warranty
- Custom sizes and designs available with AMCO's in house design team

19" Width Frames

RU Height	Overall Height	25.5" Depth	30" Depth	36" Depth
45	87.56"	CRFFXW78-19-25	CRFFXW78-19-30	CRFFXW78-19-36
40	78.06"	CRFFXW70-19-25	CRFFXW70-19-30	CRFFXW70-19-36
35	69.81"	CRFFXW61-19-25	CRFFXW61-19-30	CRFFXW61-19-36
30	61.06"	CRFFXW52-19-25	CRFFXW52-19-30	CRFFXW52-19-36
24	50.56"	CRFFXW42-19-25	CRFFXW42-19-30	CRFFXW42-19-36
18	36.56"	CRFFXW31-19-25	CRFFXW31-19-30	CRFFXW31-19-36
12	29.56"	CRFFXW21-19-25	CRFFXW21-19-30	CRFFXW21-19-36

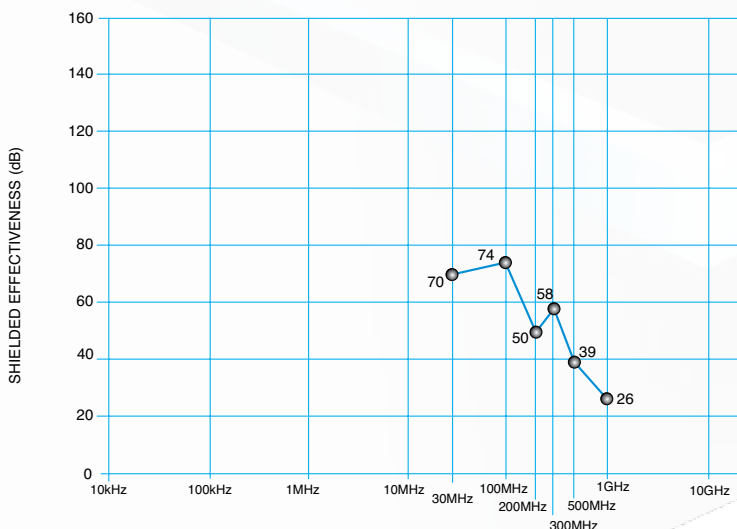
Note: For 24" width, change 19 to 24 in part number.
(i.e. CRFFXW78-19-25 becomes CRFFXW78-24-25)

Cabinet Color Options:



AMCO Enclosures offers standard color choices (up to 2 per console) for no extra charge. Custom colors are available and quoted upon request.

CRFX - SHIELDING EFFECTIVENESS

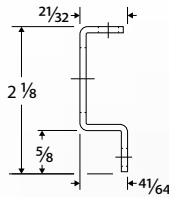


Attenuation

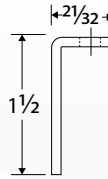
The chart shown here is the result of MIL-STD-285 (10 KHz - 10GKz) test conducted at an independent facility to verify attenuation levels of AMCO CRFFX Series frame. For additional information contact AMCO directly.

Commercial Shielded Cabinet

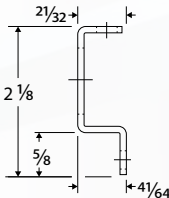
MX



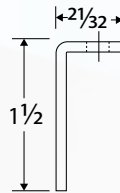
MXL



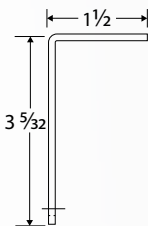
MXT



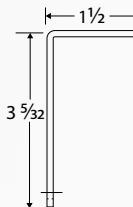
MXLT



MXW



MXWT



Mounting Channels

MX and MXL channels provide standard mounting options in 14 ga. CRS channels. The MX channel provides dual mounting flanges for a panel mounting surface (front) and an equipment support (side) mounting surface. Available with standard EIA hole punching for clip nuts with either 12-24 or 10-32 thread.

MXT and MXLT channels (11 ga.) are the same as MX and MXL, except they are drilled and tapped 10-32 on the panel-mounting flange.

MXW and MXWT channels provide for the mounting of 19" equipment in a 24" panel width Commercial Shielded frame.

Please see our Shielded Catalog for MXLA and MXWA adapters that are used to provide a mounting flange for chassis or accessories with MXL or MXW channels.



Top Panels

Shielded formed top panels are available in two widths and three depths as a solid panel.



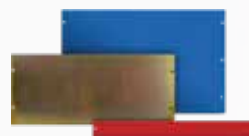
Full Length Enclosure Panels

In order to maintain shielding seal, a panel spacer must be used between adjoining panels to maintain attenuation.



Solid Side Panel

Shielded side panels are solid and available in seven heights and three depths. They have a .531" formed flange design that bolts flush to the side of the enclosure for optimal shielding effectiveness.



Enclosure Panels

Enclosure panels are used to block out specific RU's for current and future deployment, or to provide a finished look for your overall system.



Doors

Shielded doors are face mount, .875" deep and available in six heights, two widths and feature three-point compression latching for proper shielding. They also include an aluminum "Cup" handle and lock. Open or vented top and/or bottom options available.



Casters

Casters for shielded enclosure bases mount outside the shielded envelope directly to the pedestal base. Casters come complete with all necessary brackets, shims and mounting hardware. Swivel, rigid and brake options available.

Note: Open doors have assembly options of honeycomb filter or grille.