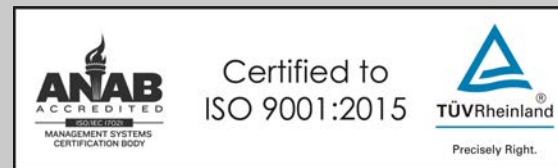


# From Initial Concept to Project Completion.

## MetaliCom LLC.

Group Presentation 2022



1 Industrial Way West, Building -E, Suite-K, Eatontown New Jersey 07724 USA

[www.MetaliCom.com](http://www.MetaliCom.com)

Email: [MetaliCom1@gmail.com](mailto:MetaliCom1@gmail.com)



# MetaliCom LLC.

MetaliCom LLC, an [ISO 9001-2015 Certified](#), is a leading Design, Manufacturing, Integration and Testing Company for Custom Made and COTS Electronics, Mechanical and Electro-Mechanical Products for Military, Defense and Homeland Security applications.

We have more than 20 years of experience in Turn-Key projects, Rugged equipment as per MIL-STD Specs and integration of various Cabinets/Sub Racks, Metal Parts, Aluminum Die and Zink Casting, CNC Machining Parts, Cable/PCB Assemblies, Custom Made Interconnect Products for Air Land and Navy Forces.

We have the knowhow to Redesign and Reverse Engineering on running projects and the Resources to trace "Hard to Find" and Obsolete parts.

MetaliCom is a Major Sub Contractor for FMF- Foreign Military Financing Projects, Specializing in Homeland Security, Defense and Military Projects and registered with the U.S Federal Government CCR- Central Contractor Registration; Our Cage Code # is 56P21, and DUNS # 80-746-7373.

Our expertise in learning customer's needs & fitting the suitable engineering solution would insure Customer's Satisfaction in Service, Quality & Cost Effectiveness.

MetaliCom LLC provides its customers with superior quality of services accommodating with their needs from the **Initial Concept to Project Completion.**



# Core Business Activities.

- Military & Defense Custom Made & COTS Turn Key Products.
- R&D, Design , Production and Integration in NJ USA.
- Fully Integrated Sub Racks & Cabinets.
- Mechanical & Electronic System Integrations.
- Custom Made Metal Parts, Aluminum & Zink Die Casting.
- CNC Machining, Extrusions & Stamping Parts.
- Custom Made Power & Data Cable & PCB Assemblies.
- Custom Made SLD, Transceivers, OSA, TOSA, Bi-Di, Laser Didoes.
- AOC & Passive Fiber Optic Products.
- Reverse Engineering for Cost Reduction Purposes.
- Global Resources to trace "Hard to Find" and Obsolete parts.



# Qualifications.

**MetaliCom LLC is an**

**ISO 9001:2015 Certified Company**

- **FEDERAL CAGE CODE # 56P21**
- **DUNS # 80-746-7373**

**The Design, Manufacture Integration  
and Testing of Custom Made Defense,  
Military, Security and Civilian  
Hardware, Electronic and Mechanical  
Products.**

## CERTIFICATE

**TUV Rheinland of North America, Inc.**  
295 Foster Street, Suite 100, Littleton, MA 01460



Precisely Right.

Hereby certifies that:



**MetaliCom, LLC**

**1 Industrial Way West  
Building E, Suite K  
Eatontown, NJ 07724  
USA**

has established and maintains a quality management system for the

**The Design, Manufacture, Integration, and Testing of  
Custom-made Defense, Military, Security and Civilian  
hardware, electronic and mechanical products.**

An audit was performed and documented in Report No 4779.  
Proof has been furnished that the requirements according to

**ISO 9001:2015**

are fulfilled.

Further clarification regarding the scope of this certificate and the applicability of  
ISO 9001:2015 requirements may be obtained by contacting TRNA.

Certificate Registration No.

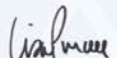
**74 300 4779**

Certificate Issue Date  
**October 3, 2021**

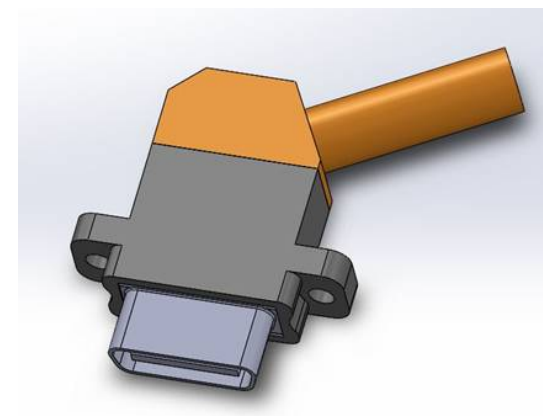
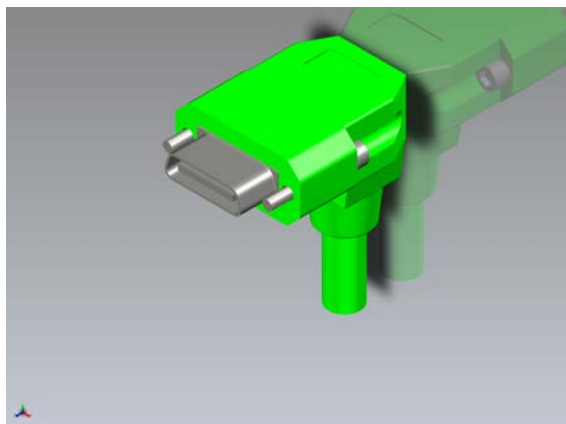
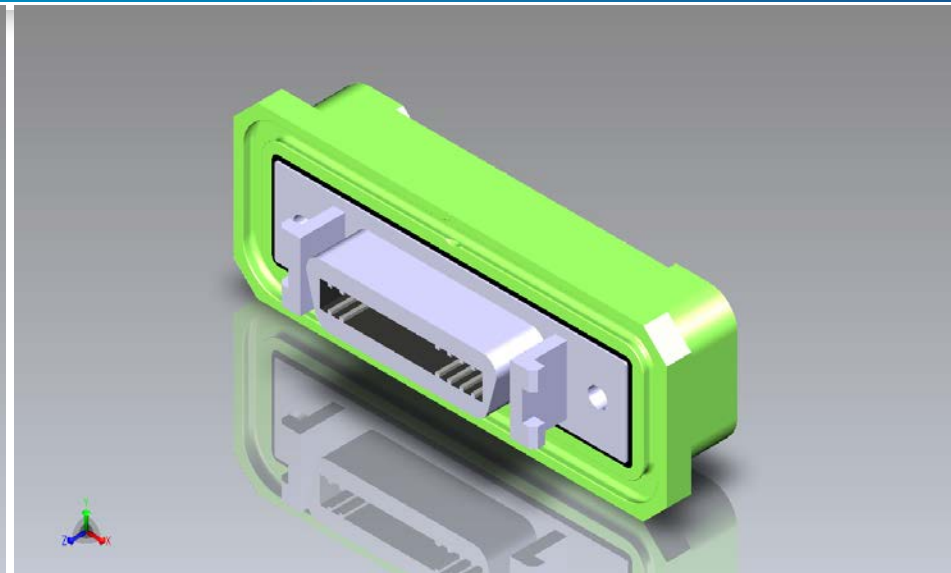
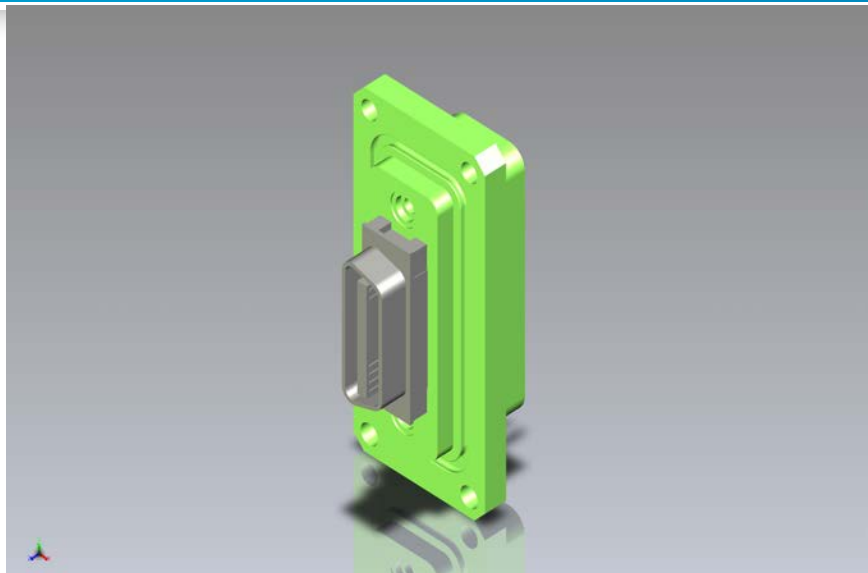
Certificate Expiration Date  
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Reissue Date: 08/13/2021



  
Certification of Management Systems

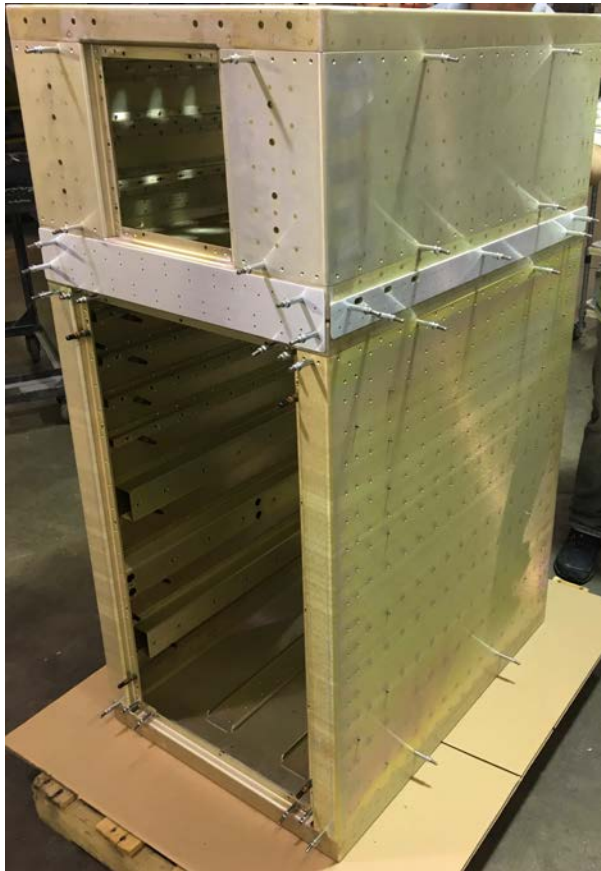
# Military Special Sealed Connectors & Cable Designs.







## Navy Custom Sub-Racks in Riveting Technology.

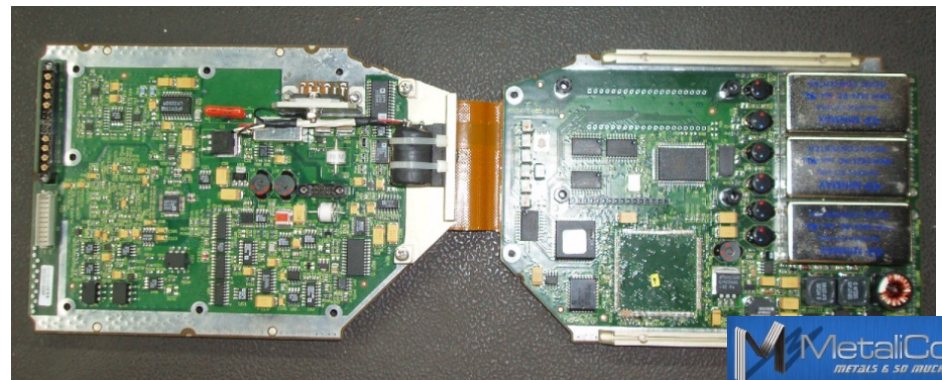
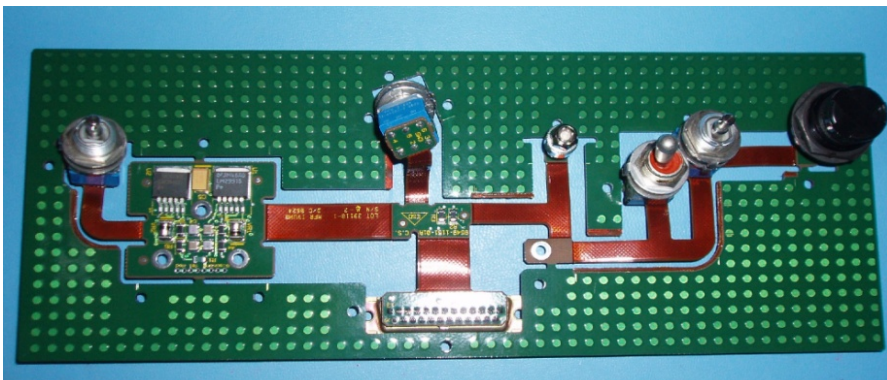






## Military, Army PCB Assemblies Turn-Key FMF Projects.

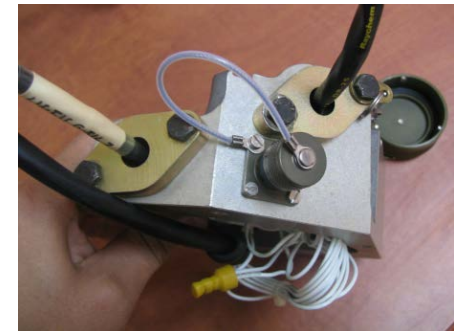
- Fully PCB Assembled and Tested
- 24 Different Multi layers Double side PCBs.
- Rigid & Flex/Rigid complex boards.
- BGA, Fine Pitch SMT & Through Hole Tech
- Special cleaning process- RMA Flux.





# Military, Army Cable Assemblies Turn-Key FMF Projects.

## APC - Armored Personnel Carrier

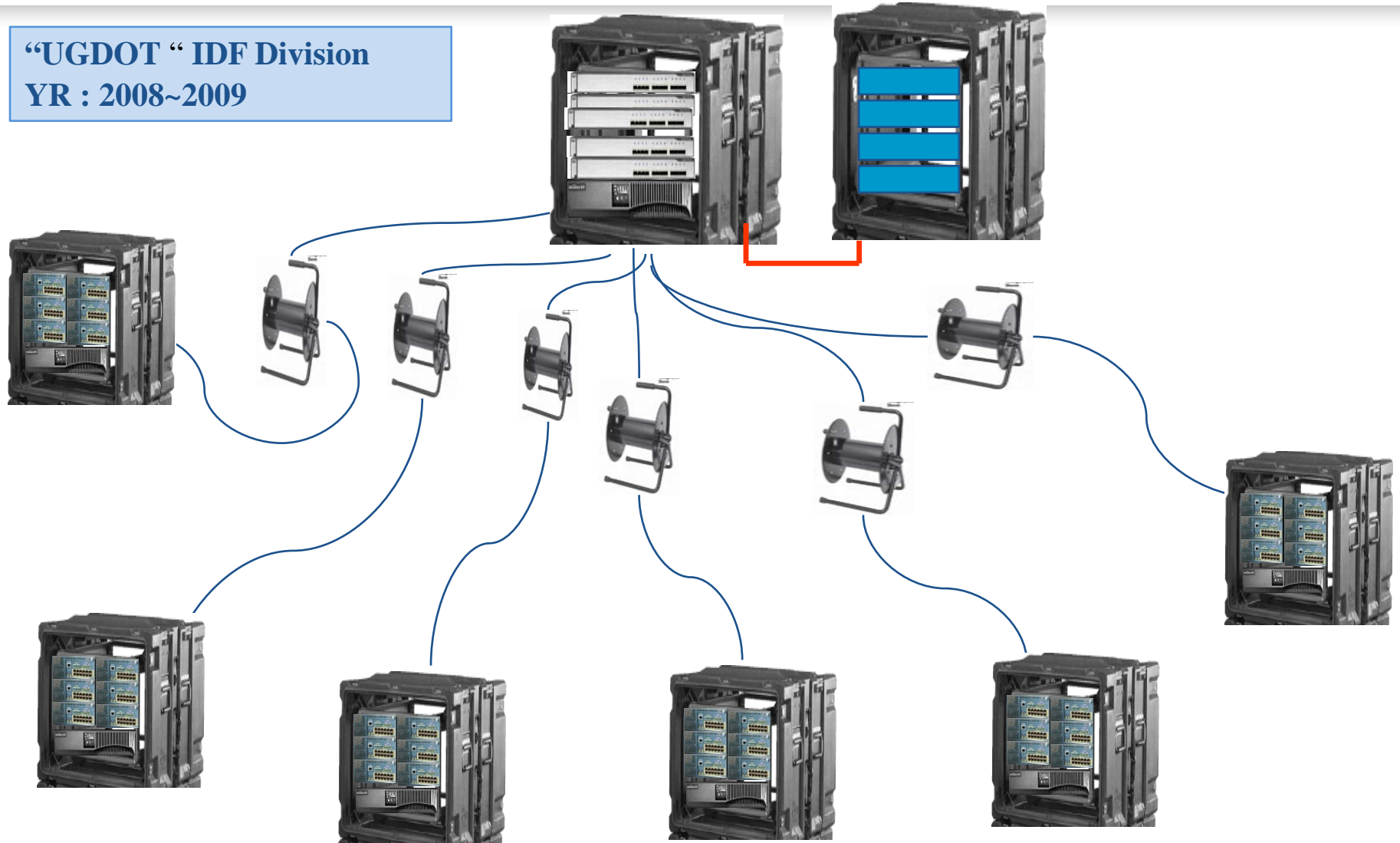






# Military, Army Communication Cabinets Turn-Key FMF Projects.

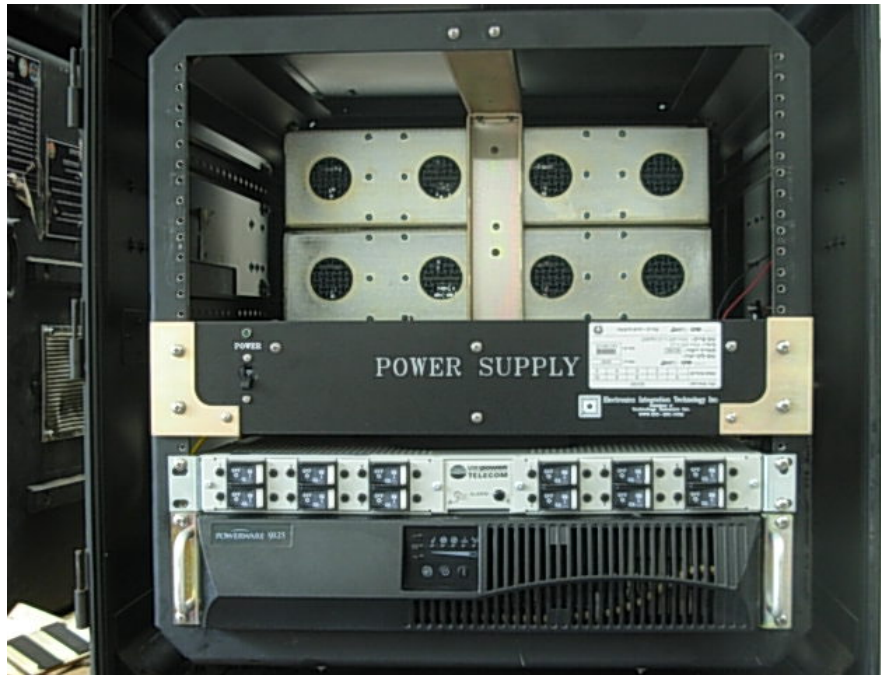
“UGDOT “ IDF Division  
YR : 2008~2009



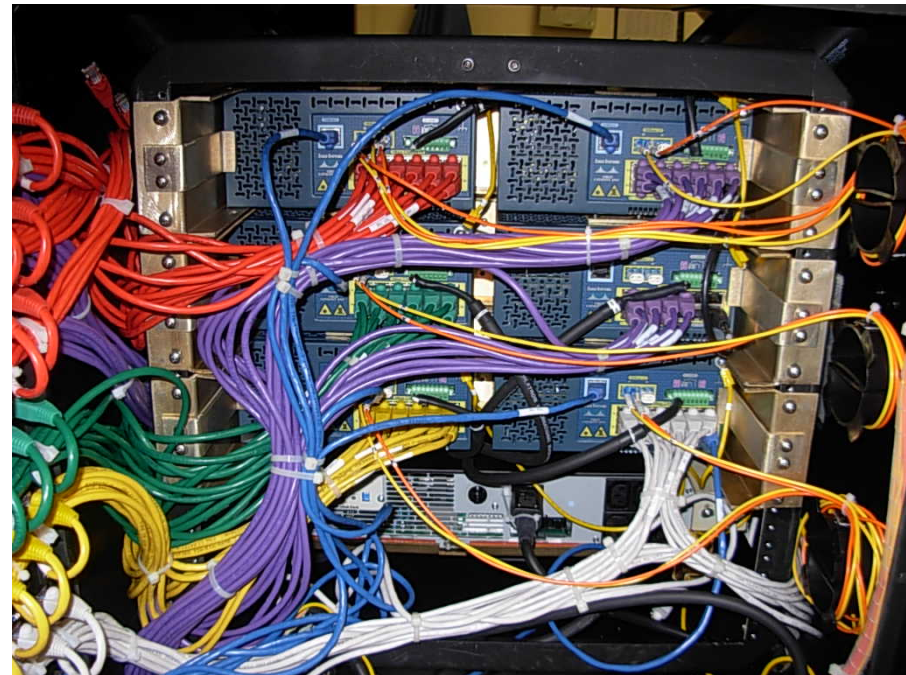


## Military, Army Turn-Key FMF Projects.

- Production and Assembly of Rugged Cabinets MIL-STD 810F
- Fully Integrated Copper & Fiber Optic Communication Cabinets.
- CAT6 Networking Technology.
- EB (Extended Beam) Fiber Optic Technology.



10U Cabinet's Rear Side



10U Cabinet's Front Side





## Military, Air Force Turn-Key FMF Projects.







## Military, Navy Major Turn-Key FMF Projects.





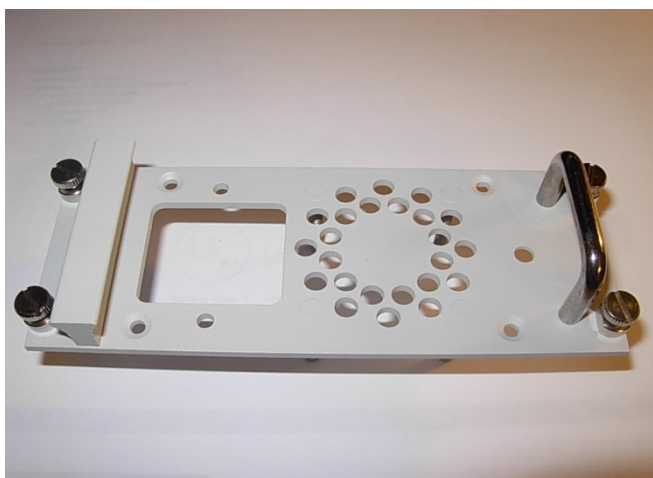
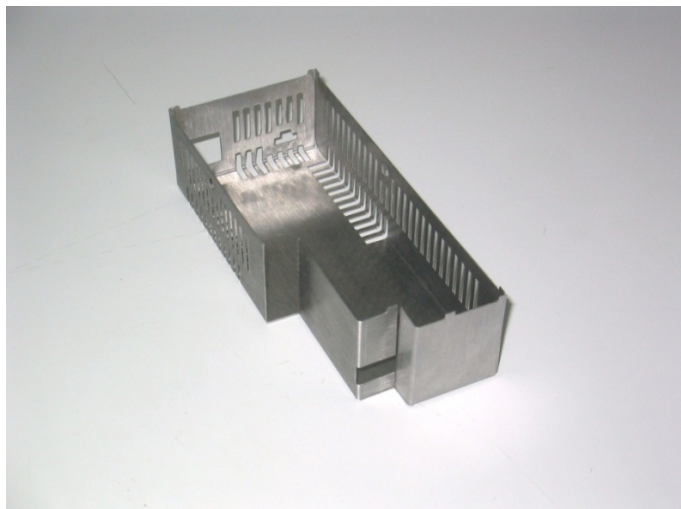
## Military, Army Sealed Rugged Cables FMF Projects.







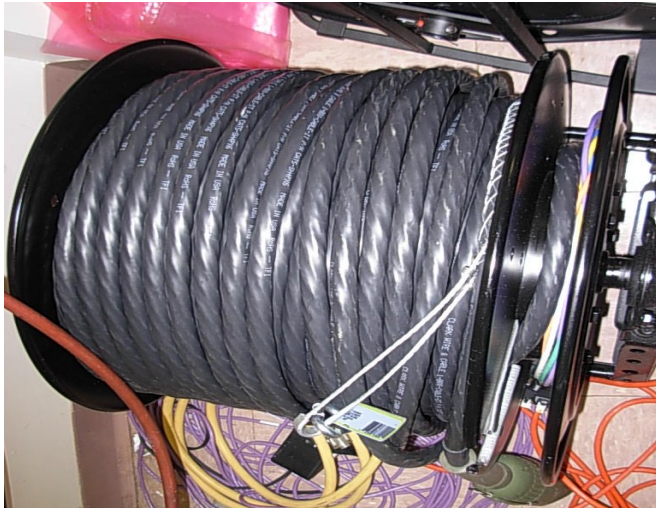
# Aluminum & Zinc Die Casting, CNC Machining and Stamping Metal Projects.





# Military, Security & COTS - Major Turn-Key FMF Projects.

Outdoor Reel/Cable Assemblies



300M Tactical Outdoor Fiber Optic Cable

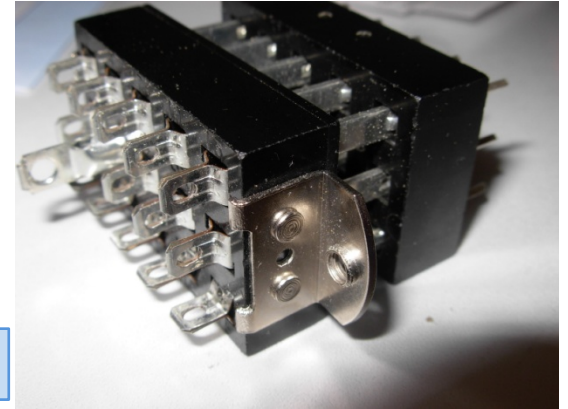
35M & 100M Tactical CAT6 LAN Outdoor Cable



## Custom Made Adaptors & Connectors.



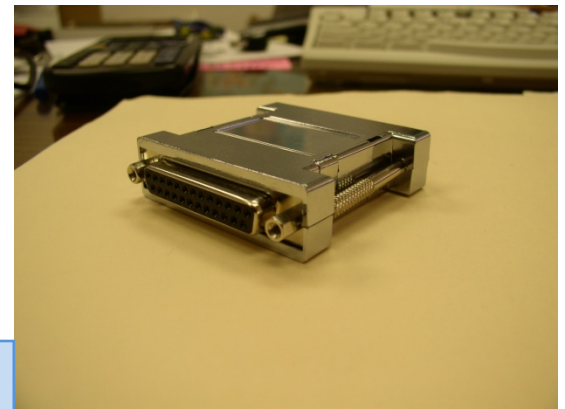
RJ45 to Terminal Block



10A Power Connector



BNC Solder Type



DB25 to DB25





# Custom Made SLD, Transceivers, OSA, TOSA, Bi-Di, Laser Dioes, AOC & Passive Fiber Optic Products.







Thank You

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