

Innovative Cable Solutions for Demanding Applications

Falmat has been a leader in custom cable design and manufacturing for four decades. Our design analysis, cutting edge materials, and state of the art manufacturing facilities. Provide global solutions for Defense, Aerospace, Industrial Electronics, Transportation, Medical, Oil Exploration and Marine Exploration Industries

MARKETS WE SERVE

- Defense and Aerospace
- Marine & Oceanographic
- Geophysical
- Transportation
- Industrial
- Medical
- Entertainment



APPLICATIONS

- Ground Support
- Military Land Vehicles
- Underwater Towed Arrays
- Missile
- Airframe
- Shipboard
- Robotic Weapons
- Electronic Tracking Systems

MILITARY CUSTOMERS

- Northrop Grumman
- Raytheon
- General Atomics
- Lockheed Martin
- US Navy
- Honeywell
- Palomar Display Products

Contact us today to receive a prompt quotation for your cable assembly requirements!
 1873 Diamond Street San Marcos, CA. 92078 USA
 Toll Free 1.800.848.4257 Tel 760.471.5400 Fax 760.471.4970 www.falmat.com

Manufacturing Capabilities

- Prototyping To High Volume Manufacturing
- Build to Order or Build to Stock
- Prepping, Kitting, Packaging, Turn-Key
- Build to Print Sub Contracting
- Custom Cable Assemblies, Roundwire & Harness
- Testing and Certification
- Value Added Engineering
- Program Management
- Fixture Design
- Potting Mold Design & Fabrication
- Bonded Storage
- In House IPC J STD 001D Trainer
- In House IPC/WHMA A620 Trainer



MAJOR PROCESSES

- Automatic cutting & stripping
- Semi Automatic Stripping
- Harnessing
- Manual & Semi Auto Crimping
- Tinning & Soldering to J STD 001
- Shield Termination
- Potting and Sealing
- Hipot & Continuity testing

PARTIAL EQUIPMENT LIST

- Schleuniger Power Strip 9500 Cut & Strip Machines
- Schleuniger UniStrip 2015 Wire Strippers
- Schleuniger Coax Strip 5300 Coax Cable Stripper
- Schleuniger CT32 Pneumatic Crimper
- Pneumatic Dispensing Units
- IR Hi Speed Heat Shrink Processing Machine
- Harness Boards
- Cable Braiders
- Planetary Cablers
- Zebra label printers



TERMINATIONS

- MIL C 38999
- MIL C 26482
- MIL C 5015
- MIL C 24308
- MIL C 83513
- BNC & TNC Coax
- ST, SC & LC Fiber Optics

Quality Assurance

- AS9100 Compliant QMS
- ISO 9001 Compliant QMS
- UL, CSA, NEC, NEMA Certified
- MIL I 45208 Inspection System
- MIL STD 45662 Calibration
- IPC WHMA-A620 Class I, II & III
- IPC J STD 001D Soldering
- ANSI ESD S20.20 Compliant
- Mil DTL 22520 Crimping
- Mil STD 130 Marking

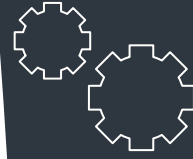
INSPECTION AND TEST CAPABILITIES

- 100% Continuity & Electrical Shorts Testing
- 100% Hipot & IR Testing
- Dielectric Withstanding Voltage
- Voltage Standing Wave Ratio
- Insertion Loss
- Velocity of Propagation
- Reflection Coefficient
- Crimp Pull Force Testing



INSPECTION AND TEST EQUIPMENT LIST

- Cirris Signature 1000M Testers
- Cirris 1100H Hipot Tester
- Cirris TouchOne Hipot Testers
- Tektronix TDS1001B Oscilloscopes
- Tektronix TFP2A Optical TDR
- Tektronix 1503 TDR Cable Testers
- HP 8713B Network Analyzer
- QuadTech Tester
- Extech 380580 Milliohmeter
- Scott Tensile Tester
- Precision Scientific Tensile Tester
- Fluke DTX1800 Cable Analyzer



Full Service Cable Design and Manufacturing

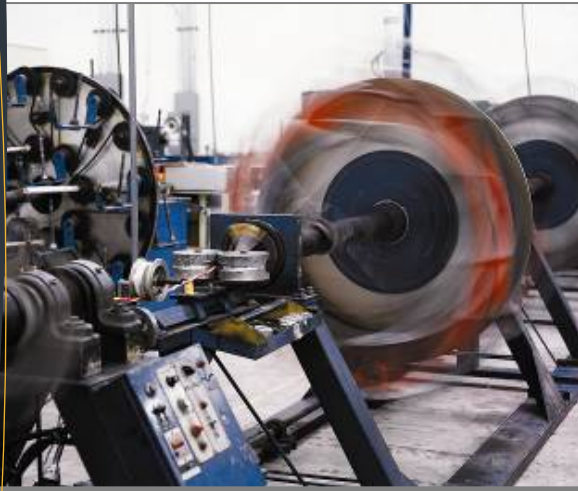
Falmat operates 3 modern facilities. Headquartered in San Marcos, CA., with sales offices in South Carolina and Authorized Sales Representatives worldwide.

We are uniquely positioned to offer you the benefit of over 40 years of experience providing cable



FULL SERVICE CAPABILITIES

- Wire and Cable Distribution
- Inventory Management
- Custom Cable Design and Manufacturing
- Custom Cable Assembly Manufacturing
- Custom Harness Assembly Manufacturing
- Vertical Integration



Falmat is your best choice for standard or customized cable assemblies. Our trained manufacturing technicians ensure that every cable assembly is built in accordance with the best industry practices every step of the way. Our quality assurance technicians inspect every cable assembly or harness 100% to ensure compliance with all workmanship and performance requirements.

Your satisfaction is guaranteed.

