RF Immunity

Cables & Harnesses

Cable Assembly and Harnessing Solutions for Industrial and Military fields

RF Immunity established in 2001 as a privately owned company that specializes in design and manufacturing of Cable Assembly and EMI/RFI filtered, transient protection and customized connectors.

Our products are based on highly advanced cable assembly and filtering technologies, and excel in the design and manufacturing of unique turnkey solutions, made to stand on the very specific requirements of each customer. RF Immunity's product range is renowned for its quality and performance under extreme environmental conditions.

Our unique capabilities allow us to pass on to our customers reduced cycle times and time to market costs. This enables RF Immunity to be true one stop source from prototype through production of EMC solutions and cable assembly for various applications in major electronics markets such as military, avionic, medical, commercial, and more.

Who we are:

- RF Immunity was founded in 2001 and has about 45 employees.
- Certified ISO9001-2008.
- Wiring Department Teams are IPC620 qualified.
- Engineering Support – Design Department of Mechanical and Electrical Engineers (including circuit editor) supporting from early design concept along with drawings to final production.
- Quality Assurance Department counts three full-time personnel involved in management and quality control activities.
- Laboratory – The Company's lab is equipped with state of the art hardware and software tools including 4 Channel Network Analyzer, Switchboard, RFI chamber, Temperature Cycles Oven, Helium Leakage Detector and more.
- Automated machines for cutting, exposure, and pressing.

What we offer:

- Military Harnesses Build to Print & Build to Spec.
- Military harnesses including sealed connectors to HERMETICALLY SEALD levels.
- Commercial grade braids for industrial and medical fields (RF braids, SIGNAL and POWER braids, FLAT and LAMINATED braids).
- Engineering and manufacturing solutions that include Wiring and Electromechanical Assemblies (Turnkey).
- Sealing and casting solutions including engineering design, implementation and testing.
- Expertise in flexible braids (silicone wires 30 AWG and up).

Our advantages:

- Hands on customer support from early stages of design to final solution.
- Flexibility and quick turnaround cycles.
- Problem solver with turnkey solutions (One Stop Shop).
- Casting Department specializes in sealing and strength solutions including model design.

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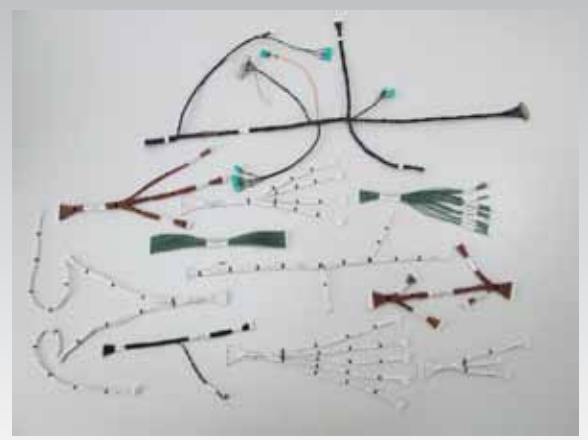
IPC

NSF ISR

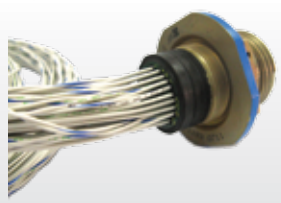
Turnkey Projects

Military Harnesses

Soldier Headset



Flexible Silicone Braids



RF Cables – local production

Flat Cables – local production

Motor Wiring

Fan Wiring