Amphenol®

ADDED-VALUE services

More than just a connector



ADDED-VALUE services

Amphenol is the world leader

supply of high-performance

commercial and industrial

in the design, manufacture and

interconnect systems for military,

applications. Amphenol offers

an extensive global portfolio

environments which includes

Amphenol Ltd has an extensive design and manufacturing facility with the capability to offer customers added value services from cable systems to complete box build.

Amphenol offers these services via its vertically integrated

competitive partnerships with other Amphenol business units located in low cost geographies such as Estonia,

facility, design and prototyping cell and through commercially

of interconnect solutions

added-value services.

for demanding and harsh



Amphenol UK capabilities include:

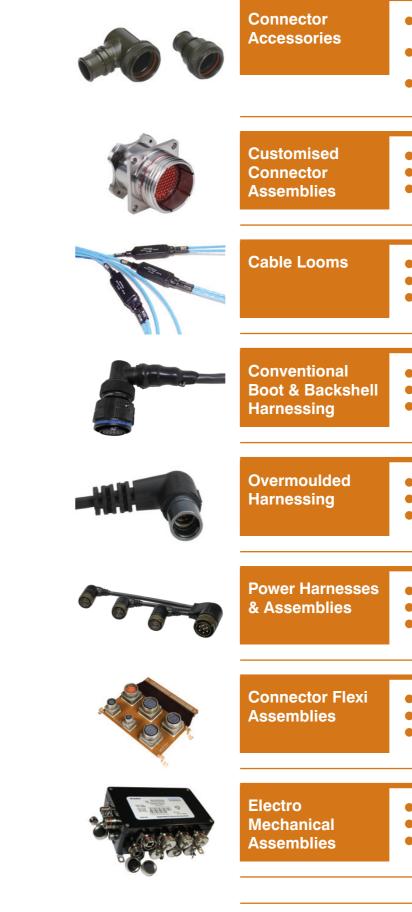
- Applications Engineering Team with extensive industry and interconnect knowledge
- Full end to end design service
- Proposal drawings and wiring schematics
- 3D CAD modelling
- High resolution 3D printing facilities
- High speed data modelling, simulation and network analysis
- PCB and flex design

- Skilled fabrication and box build
- Prototyping and model shop
- Temperature controlled clean room
- Toolroom for tool design and manufacture
- Low and high pressure overmoulding
- Independent testhouse facility
- Automated cut, strip and crimping
- KANBAN, stocking and logistics support
- Automated in-process testing and certification

Amphenol Ltd has an unrivalled pedigree and wealth of experience being one of the first UK companies to offer military overmoulded cable assemblies. Examples of current projects include; Head-up display units for military aircraft, Jumper assemblies for train carriages, Fibre optic cable assemblies for the Type 23 Frigate upgrade, complex flex assemblies for aero-engine management systems and overmoulded headset cables.

India, China and Mexico.

Amphenol Ltd holds accreditation to BS EN ISO9001 and AS9100 and is also an active participant in the global IPC committee with involvement in the upkeep of existing standards and contributing to the writing of new standards. Operators are trained by an onsite IPC committee member and trainer to IPC-A-610, IPC/WHMAA-A-620, IPC J-Standard 001 and IPC-A-7711/7722.



 Full range of environmentally sealed and EMC screet backshells and cable strain relief adaptors Extensive selection of metal, plastic and rubber protective caps for sealing and EMC protection Dummy receptacles for stowage of bayonet and threaded coupling connectors 	ened
 Additional filter protection and transient suppression Connectors and accessories with tailored geometry Specialist materials including Aluminium Bronze, Composite, Titanium and Stainless Steel 	
 Design and manufacture of wiring and woven looms Interconnection with active webbing Databus assemblies 	3
 Design, development, build to print and prototyping f Harness assembly drawings and wiring schematics Domestic and low cost offshore manufacturing facil 	
 Ruggedised for increased reliability and tamper pro Custom designs to suit specific applications Potential cost savings over conventional boot and backshell assemblies 	ofing
 High power cable harnesses to carry up to 1000A IP2X safety features Connection to busbar and flexible busbar assemblie 	es
 Flexible and flex rigid assembly design and build Specialist interconnect to join multiple flex assembli Single side, double sided and multi layer assemblie 	
 Design and manufacture of distribution and junction be Design and manufacture of digital control and display l Supply of ruggedised switches and routing equipment 	boxes

Amphenol

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