

Fast Facts

ABMP, Signal and High Speed Data Connector



The 1 to 11 module (containing multi-pole contacts), Signal/High Speed Data Connector is based on the popular ABCIRP, MIL-DTL-5015 and VG95324 bayonet lock connector. This Rugged and reliable product range is shock and vibration tested to BSEN61373 Cat 1. Class A and has an endurance of minimum 2000 mating/unmatings. Crimp removable contacts make assembly and maintenance easy.

APPLICATIONS

Rolling Stock

- Design, development and supply of interconnection solutions direct to major OEM partners

Equipment

- Comprehensive product portfolio for all electrical interfaces on all rail vehicles infrastructure and signalling
- Trackside and signalling cables and connectors

Services

- Innovative product solutions for upgrades and vehicle overhaul programmes, supporting the vehicle life cycle

OUR ADVANTAGE

- Any combination of Co-ax, Twin-ax, Tri-ax or Quadrax modules can be specified, delivering a highly versatile connector system capable of consolidating up to seven high-speed ethernet connections or many combinations of signal and data links
- Connector sealing features a stepped wire sealing grommet, which provides a water tight seal to the cables
- Ease of assembly

MARKET SEGMENTS

- Traction and industrial
- Military and defence

FEATURES

- MIL-DTL-5015 and VG95234 Style Reverse Bayonet Connector
- Low fire hazard insulator material qualified to NF-F-16-101 and meets BS6853 and is removable for repositioning at an alternative orientation
- Conforms to EN45545 HL3 R22/R23
- 4 styles of multi-pole contact available Co-ax, Twin-ax, Tri-ax and Quadrax
 - > Suitable for data transmission @ 100 Base-Tx on Cat 5e: Single Quadrax
 - > Suitable for data transmission @ 1000 Base-T on Cat 5e: 2 x Quadrax
- Unique contact design allows for simple and robust termination to multi-core. The contacts can be mixed within the same insulator to provide many different combinations of wire termination
- Water-tight seal to the cables to meet IP67 specifications
- RoHS compliant

For our full product portfolio, in-house and local design support / distribution partners, visit:

www.ttelectronics.com/connectors