

Special Purpose Interconnection Products, cont.

1900 Rectangular Connectors

Consult your local Amphenol sales office for further information.



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION/ ARRANGEMENTS	PERFORMANCE ENVIRON./ELECT.
Composite rectangular interconnection system developed for the Airbus planes airframe connector, where space, environmental sealing and high vibration performance are critical.	Derived from the ASN 0390 spec. and meets the AECMA ENN 3545 spec. Available for use with MIL-C-39029 contacts.	The two coupling screws provide 36 combinations for polarization between connectors. Available for a variety of applications including cable to cable and printed circuit board mounting applications.	Monoblock design offers a variety of contact arrangements, incorporating MIL-C-39029 contacts in sizes 22, 20, 16, 12 and 10, or mixed contact sizes.	Operating temp. from -67°F to +347°F. Environmental sealing is provided with fluoronated silicon overmolded back grommet and interfacial seal. Withstands a 48 hr. salt spray exposure. Resistance to many fluids. Operating voltage: to 1500 VAC @ sea level depending on contact size.

OPTIONAL FEATURES

- Can be equipped with straight or angled PCB solder contacts.

MARKETS

- Commercial Aircraft

EMC Protected and Over-Molded Cable Assemblies

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APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION/	PERFORMANCE ENVIRON./ELECT.
Broad range of products for use in battlefield communication equipment. Also used in commercial data logging equipment and for general harsh environments. Include connectors, over-molded cable jumpers and EMC protected cable assemblies.	Meet or exceed requirements of battlefield EMC screening and NBC wash-down. Waterproof immersible.	N/A	Factory terminated.	Operating temp. from -55°C to +125°C.

OPTIONAL FEATURES

- Designed and manufactured to meet specific customer requirements.
- Straight, 45°, 90° outlets
- Molded finger grips
- Molded identification

MARKETS

- Missiles
- Battlefield Radio Systems
- Fighting Vehicles
- Commercial Harsh Environment

Audio Connectors

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APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION/	PERFORMANCE ENVIRON./ELECT.
Range of audio connectors including filtered and unfiltered types for battlefield communications.	BS9522, FOO23, MIL-C-55116 specifications.	Three recessed "J" slots. 3000 mating cycles.	Solder, power/ signal. Button type contacts.	Operating temp. from -40°C to +90°C.

OPTIONAL FEATURES

- Available with flex-print attachments. See page 53 for more information on flex termination.

MARKETS

- Missiles
- Battlefield Communication Systems