

CA-COM and CA-COM-B connectors meet the requirements of MIL-C-5015. They were developed especially for industrial usage. CA-COM series connectors offer the same mounting dimensions and contact arrangements as MIL-C-5015 and VG 95234 connectors.

CA-COM and CA-COM-B connectors are available as:

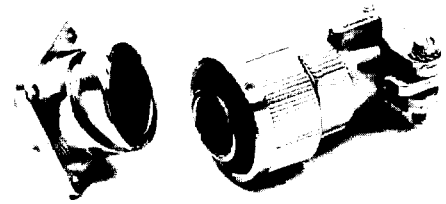
- Wall mounting receptacle
- Cable connecting plug
- Box mounting receptacle
- Plug straight
- Plug 90°

Wall mounting receptacles and cable connecting plugs (straight and 90°) are available with:

- Endbell with cable clamp
- Endbell for flex tubes
- Adapter combined for PG termination e.c.c. to DIN46320 and
- Adapter for heat shrink boots

ITT Cannon also provides you with appropriate accessories like:

- Protective metal caps with sash chain
- Cable clamps
- Cable bushings
- Sealing gaskets



Advantages

- threaded coupling – CA-COM / bayonet coupling – CA-COM-B
- mateable with MIL-C-5015 connectors
- solder or crimp contacts
- contact arrangements with 1 to 61 contacts available
- wire size: 1.5 mm² up to 50 mm²
- aluminium alloy shells withstand great mechanical strain
- surface protected by a Nickel plating
- resilient insulator (Polychloroprene) for extreme temperatures (from -55° to +125°C)
- resistant against aggressive fluids like fuel, oil etc.
- environmental – with adapter for PG termination or heat shrink boots
- at least 500 mating cycles
- spray-waterproof – CA-COM / waterproof (1 bar, 12 hours) – CA-COM-B (with modification – 44 which includes seal ring and grommet)

Performance and Material Specifications – CA-COM

MATERIALS

Shell	Aluminium alloy, nickel plated
Contacts	Copper alloy, tin plated
Insulator and grommets	Polychloroprene

ELECTRICAL

Rated Current	
20°C ambient temperature	
Contact Size	Max. Rated Current ¹
16S/15S	22A
16/15	22A
12/25	41A

Other sizes, see Page 130

¹ This applies only to the max. rated current for one contact. If several contacts in one arrangement are loaded with higher current the specific heat and the ambient temperature may not exceed +125°C.

MECHANICAL

Max. operating temperature	- 55 / 125°C
Mating cycles	min. 500

How to Order – CA-COM

SERIES

CA – ITT Cannon designation

SHELL STYLE

- 00 – wall mounting receptacle
- 01 – cable connecting plug
- 02 – box mounting receptacle
- 20 – box mounting receptacle for rear mounting (only bayonet version)
- 06 – straight plug
- 08 – 90° plug

CLASS

- COM-E – endbell with cable clamp
- COM-F – endbell for flex tube
- COM-PG – adapter for heat shrink boots and PG termination, environmental
- COM-L – solder termination for printed circuits

SHELL SIZE

- 10SL, 12S, 14S, 16S, 16, 18,
- 20, 22, 24, 28, 32, 36

SERIES

SHELL STYLE

CLASS

SHELL SIZE

CONTACT ARRANGEMENT

CONTACT TYPE

ALTERNATE INSERT POSITION

BAYONET COUPLING*

MODIFICATION

* Do not use for CA-COM with thread coupling

CONTACT ARRANGEMENT

See page 132

CONTACT TYPE

- P – pin contact
- S – socket contact

ALTERNATE INSERT POSITION

Insert positions of insulator, see page 133

COUPLING B

- with bayonet coupling
- without designation: with threaded coupling

CA 06 COM-E 18-1 P * ***
CA 06 COM-E 18-1 P * B* ***

MODIFICATION *

- 01 – metric crimp contacts
- 03 – adapter for heat shrink and metric crimp contacts (Mod. for bayonet coupling)
- 06 – adapter for heat shrink and solder contacts (Mod. for bayonet coupling)
- DN – adapter for heat shrink boots solder contacts (Mod. for threaded coupling)
- F80 – AWG crimp contacts

* All CA Bayonet connectors come with installed solder contacts unless a modification code is added to the part number.

ITT Cannon

For technical assistance, price or delivery information, call your local technical sales office or distributor.