

Opportunity-At-A-Glance



Heavy Duty Industrial 5015 Connectors and Cable Assemblies

The Industrial 5015 field attachable connectors and cable assemblies are competitively priced with fast delivery in eight weeks.



Originally designed for military equipment, the 5015 series is widely used in various industries due to its low cost and strong performance. The Industrial MIL-DTL-5015-style connector is used in products that require high levels of reliability such as medical equipment, electric cars, industrial building machinery, motors, sensors, robotics, heavy equipment, solar voltaics, etc. The industrial 5015 connectors are interchangeable with the MIL-DTL-5015 connectors.

We can deliver our high-quality connectors at a very competitive price and within eight weeks on most standard configurations. With over 140 different inserts, Cooper Interconnect offers a large breadth of inserts and assembly options.

Cooper Interconnect's 5015 connectors offer the following:

- Competitive price.
- Fast delivery on connectors - eight weeks versus the industry standard of 16 to 18 weeks.
- Over 140 standard inserts.
- Custom insert arrangements available.
- Available with RoHS-compliant plating and solder filled contacts.
- Most popular classes A, E, F and R.
- Cooper Interconnect's well-known brand offers integrity and reliability.

Cooper Interconnect's 5015 cable assemblies offer the following:

- Factory prewired—ready to install.
- No special tools required.
- 100 percent electrically tested for superior circuit integrity.
- IP68 rated.

*Eight week delivery based on our most popular inserts. Certain terms and conditions apply.

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5015 Connectors, Cable Assemblies

Connector Styles

There are five basic connector styles, C3100, C3101, C3102, C3106 and C3108. Each style relates directly to its military counterpart, MS3100, MS3101, MS3102, MS3106 and MS3108. The Industrial 5015 products are constructed to the same demanding standards and physical dimensions as the military version.

C3100 is a wall mount receptacle with additional cable mounting adaptor. This is designed to allow the addition of a backshell for cable protection and strain relieving.

C3101 is an inline cable plug designed to mate with C3106 and C3108 plug style connectors. This connector is similar to the C3100, but not designed to be panel mounted.

C3102 is called a box mounting receptacle. This is strictly a panel mounted connector and is design to mate with C3106 and C3108 plug style connectors. Gaskets are available to insolate the ground from the panel.

C3106 is straight cable plug. For Class A connectors, the addition of a backshell provides strain relief and cable protection.

C3108 is an angled cable plug designed to mate with C3100, C3101 and C3102 receptacle style connectors. For Class A connectors, the addition of a backshell provides strain relief and cable protection.



C3100 Wall Mounting Receptacle



C3101 Cable Connecting Plug



C3106 Straight Cable Plug



C3108 Angled Cable Plug



C3102 Box Mounting Receptacle

The Industrial 5015 connectors are available in four classes: A, E, F & R.

Class A – A solid shell connector designed for general use / non-environmental applications.

Class E – Essentially the same product as Class A, except with an additional integrated backshell and rear wire seal.

Class F – Similar product to Class E, but with an additional O-ring for C3106 and C3108 to make a completely sealed connector.

Class R – Similar product to Class F, but with a shorter backshell for applications that require a smaller form factor.



Class A Wall Mount Inline Receptacle



Class E & F Wall Mount Inline Receptacle with Shell



Class R Wall Mount Inline Receptacle with Short Shell

Cable Assemblies

- Reduces costs—no additional labor required.
- Factory prewired—ready to install.
- No special tools required.
- 100 percent electrically tested for superior circuit integrity.
- Elastomeric body is corrosion and impact resistant.
- Easy installation saves time and money.
- IP68 rated.

