



# FD70D16TN, Substation - Copper Stud Connector

By Burndy  
Catalog # [FD70D16TN](#)

Copper Stud Connectors



### Features

- For use on stud to pads
- Allows for bolting cable and tubing terminals to equipment studs
- Hex captured bolts provide one-wrench installation

### Application

Substation

### Specifications

|                               |    |
|-------------------------------|----|
| Certification - ETL           | No |
| Certification - UL Recognized | No |
| Standards - RoHS Compliance   | EX |
| Status                        |    |
| Certification - cULus         | No |
| UL Listed                     | No |
| Certification - CSA Approved  | No |

### Conductor

|                                    |             |
|------------------------------------|-------------|
| Conductor - Connection Combination | Stud to Pad |
|------------------------------------|-------------|

### Configuration

|                                        |                |
|----------------------------------------|----------------|
| Physical Attribute - Pad Orientation   | In-line        |
| Physical Attribute - Pad Configuration | 4x4 - 4 holes  |
| Physical Attribute - Number of Holes   | 4              |
| Connector Type                         | Stud Connector |

### Dimensions

|                               |          |
|-------------------------------|----------|
| Dimension - Pin Diameter inch | 3.000 in |
|-------------------------------|----------|

|                                           |           |
|-------------------------------------------|-----------|
| Dimension - Pin Diameter fraction         | 3 in      |
| Dimension - Pad Width inch                | 4.00 in   |
| Package Height                            | 0.000 in  |
| Dimension - Height mm                     | 0 mm      |
| Dimension - Bolt Size fraction            | 5/8       |
| Package Weight                            | 0.000 lb. |
| Package Length                            | 0.000 in  |
| Dimension - F Width Center to Center inch | 1.75 in   |
| Package Width                             | 0.000 in  |
| Dimension - L Length Overall mm           | 209 mm    |
| Dimension - B Length inch                 | 2.88 in   |
| Dimension - D inch                        | 4.00 in   |
| Dimension - N inch                        | 1.13 in   |
| Dimension - Thread Size                   | 5/8-12    |
| Dimension - Threads per inch              | 12        |
| Dimension - Length Overall inch           | 8.24 in   |

### General

|                     |                        |
|---------------------|------------------------|
| Plated              | Y                      |
| Material - Hardware | DURIUM™ Silicon Bronze |
| UPC                 | 781810141144           |
| Type                | Studs                  |
| Material            | Copper Alloy           |
| Plating Type        | Tin - Electro Plated   |
| UPC 12 Digit        | 781810141144           |
| UPC 14 Digit GTIN   | 00781810141144         |

### Logistics

|                       |   |
|-----------------------|---|
| Minimum Pack Quantity | 1 |
|-----------------------|---|

### Product Assets

[Catalog \[English\]](#)