



## YAV28L2TC516FX45, Compression Terminal, 4/0 Flex G,H,I,K,M, DLO, 4/0 Cu, 2-Hole, 5/16" Stud, 1" Spacing, Standard Barrel, 45 Degree

By Burndy

Catalog # [YAV28L2TC516FX45](#)

4/0 Flex G,H,I,K,M,DLO, 4/0 AWG, CU, 2 Hole, 5/16 Stud, 1 IN Spacing, Standard Barrel, Inspection Window, 45 Degree

### Features

- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions

### Application

Wire Termination

### Specifications

|                               |              |
|-------------------------------|--------------|
| Certification - UL Recognized | No           |
| Certification - cULus         | No           |
| Industry Standard(s)          | UL 486A-486B |
| Certification - ETL           | No           |
| Standards - RoHS Compliance   | CM           |
| Status                        |              |
| UL Listed                     | Yes          |
| Certification - CSA Approved  | Yes          |

### Conductor

|                                      |           |
|--------------------------------------|-----------|
| Conductor - Material                 | COPPER    |
| Wire Size                            | 4/0 AWG   |
| Conductor - Copper Flex K Size Range | 4/0 AWG   |
| Conductor - Copper Flex K Size       | "4/0 AWG" |
| Conductor - Copper Flex M Size Range | 4/0 AWG   |
| Conductor - Copper Flex M Size       | "4/0 AWG" |
| Conductor - Copper Str Size          | "4/0 AWG" |
| Conductor - Copper Flex I Size Range | 4/0 AWG   |
| Conductor - Copper Flex G Size       | "4/0 AWG" |
| Conductor - Copper DLO Size Range    | 4/0 AWG   |
| Conductor - Copper Str Compact Size  | "4/0 AWG" |
| Conductor - Copper DLO Size          | 4/0 AWG   |
| Conductor Size                       | 4/0 AWG   |
| Conductor - Copper Flex H Size       | "4/0 AWG" |
| Conductor - Copper Flex G Size Range | 4/0 AWG   |



|                                        |                                                                                                                                              |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Conductor - Copper Str Navy Size Range | 200 (61) Navy                                                                                                                                |
| Conductor - Copper Str Navy Size       | 200                                                                                                                                          |
| Conductor - CopperWeld Str Size Range  | 4/0 E AWG-4/0 V AWG                                                                                                                          |
| Conductor - CopperWeld Str Size        | <ul style="list-style-type: none"><li>• 4/0 E AWG</li><li>• 4/0 EK AWG</li><li>• 4/0 F AWG</li><li>• 4/0 G AWG</li><li>• 4/0 V AWG</li></ul> |

|                                      |           |
|--------------------------------------|-----------|
| Conductor Type                       | CODE/FLEX |
| Conductor - Copper Str Size Range    | 4/0 AWG   |
| Conductor - Copper Flex H Size Range | 4/0 AWG   |
| Conductor - Copper Flex I Size       | "4/0 AWG" |

### Configuration

|                                      |                 |
|--------------------------------------|-----------------|
| Physical Attribute - Number of Holes | 2               |
| Number of Pad Holes                  | 2               |
| Connector Type                       | STANDARD BARREL |

### Current

|                   |       |
|-------------------|-------|
| Voltage Rating    | 35 kV |
| Voltage - Maximum | 35000 |

### Dimensions

|                                   |           |
|-----------------------------------|-----------|
| Dimension - Pad Width inch        | 1.14 in   |
| Package Height                    | 0.000 in  |
| Dimension - Height mm             | 43.2 mm   |
| Dimension - Hole Size fraction    | 5/16      |
| Dimension - Height inch           | 1.70 in   |
| Package Weight                    | 0.000 lb. |
| Package Length                    | 0.000 in  |
| Package Width                     | 0.000 in  |
| Dimension - L Length Overall mm   | 81 mm     |
| Dimension - Outside Diameter inch | 0.77 in   |
| Dimension - Thread Size           | 5/16 in   |
| Dimension - Hole Size mm          | 10 mm     |
| Dimension - Hole Size inch        | 0.38      |

|                                 |                                                                             |                                   |                             |
|---------------------------------|-----------------------------------------------------------------------------|-----------------------------------|-----------------------------|
| Dimension - Strip Length inch   | 1-1/16                                                                      | Plated                            | Y                           |
| Dimension - Stud Size fraction  | 5/16                                                                        | Color Code                        | Purple                      |
| Dimension - Bolt Hole Size inch | 0.33 in                                                                     | Physical Attribute - Tongue       | Standard                    |
| Dimension - Bolt Size fraction  | 5/16                                                                        | Type                              |                             |
| Physical Attribute - Tongue     | 45 Degree                                                                   | UPC                               | 781810080450                |
| Angle                           |                                                                             | Type                              | Standard Barrel, Tin Plated |
| Angle - Pad                     | 45 °                                                                        | Material                          | Copper                      |
| Dimension - B Length fraction   | 1 in                                                                        | Plating Type                      | Tin                         |
| Dimension - Z inch              | 0.36 in                                                                     | Finish Type                       | Tin-Plated                  |
| Dimension - B Length inch       | 1.03 in                                                                     | UPC 12 Digit                      | 781810080450                |
| Dimension - D inch              | 1.70 in                                                                     | UPC 14 Digit GTIN                 | 00781810080450              |
| Dimension - N inch              | 0.34 in                                                                     |                                   |                             |
| Dimension - Bolt Size inch      | 0.3125                                                                      |                                   |                             |
| Dimension - Length Overall inch | 3.18 in                                                                     |                                   |                             |
| <b>General</b>                  |                                                                             | <b>Logistics</b>                  |                             |
| Trade Name                      | HYLUG™                                                                      | Minimum Pack Quantity             | 25                          |
| Die Index                       | 15                                                                          | Pallet Quantity                   | 11600                       |
| Feature - Barrel Type           | Standard                                                                    | Carton Quantity                   | 25                          |
| Feature - Barrel Style          | <ul style="list-style-type: none"> <li>Chamfered</li> <li>Skived</li> </ul> | <b>Operational</b>                |                             |
|                                 |                                                                             | Temperature Rating                | 194                         |
|                                 |                                                                             | <b>Product Assets</b>             |                             |
|                                 |                                                                             | <a href="#">Catalog [English]</a> |                             |

