

# **BLANK DUCT PLUGS**

# Mechanical duct plugs for sealing vacant conduits & innerducts

### **KEY FEATURES AND BENEFITS**

- When the thermoplastic elastomer gasket is expanded, it creates a water, air, and rodentresistant seal – protecting the conduit from damaging environmental conditions
- Constructed of non-metallic, corrosionresistant materials for a long-lasting and cost-effective plug
- Requires no additional tools for quick and easy installation
- Install in PVC, HDPE, EMT, and corrugated conduit for versatility
- Two rope-tie points built into the plug for installation with mule tape or pull line for a secure seal







Kwikie Blank Duct Plugs

## Three styles to effectively seal a variety of blank conduit

The #1 trusted brand in blank duct plugs, the Kwikie™ is essential to any datacenter, telecom, or underground electrical project. This is because the proper sealing of conduits and innerduct is vital for protecting infrastructure investment and, in many cases, required by code. After decades of use in the field by telecom and electrical professionals, the Kwikie has become an indispensable industry standard, and its usage continues to grow worldwide.

The plugs install tightly into conduit, creating a secure seal from unwanted water, sediment, or animal intrusion. A variety of sizes are available for various conduit dimensions and types, as they are compatible with HDPE, PVC, corrugated conduit, and EMT. Installation of the plugs is quick and easy, with no tools required for installation or removal.

There are three styles of Kwikie plugs available:

- Loop Nut An additional tie point making the plug installable from both sides of the conduit
- Wing Nut Smaller in height than the loop nut, allowing installation in tighter spaces
- Inside Fit Can be installed entirely inside the conduit and out of sight from the outside; available in either loop nut or wing nut

While there are other methods of sealing conduit, they are costly, unprofessional, and time-consuming. For the highest quality and performance, the Kwikie is the top choice for datacenters that demand the best in blank duct plugs.

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https://calam.net/electrical-broadband/mechanical-plugs/

# **SPECIFICATIONS**







| PRODUCT<br>NUMBER | JACKMOON® CROSS<br>REFERENCE NUMBER | EACH SIZE<br>(mm) | UNIT OF<br>MEASURE | CASE<br>QUANTITY | CONDUIT INNER DIAMETER (mm) |  |  |  |  |  |
|-------------------|-------------------------------------|-------------------|--------------------|------------------|-----------------------------|--|--|--|--|--|
|                   |                                     |                   |                    |                  |                             |  |  |  |  |  |
| LOOP NUT          |                                     |                   |                    |                  |                             |  |  |  |  |  |
| 5120-07           | JM-BLA-07D100U                      | 20                | Case               | 50               | 19.46 - 25.91               |  |  |  |  |  |
| 5120-10           | JM-BLA-10D104U                      | 25                | Case               | 50               | 25.25 - 35.31               |  |  |  |  |  |
| 5120-12           | JM-BLA-12D148U                      | 32                | Case               | 50               | 29.36 - 38.35               |  |  |  |  |  |
| 5120-15           | JM-BLA-15D183U                      | 40                | Case               | 50               | 37.08 - 46.48               |  |  |  |  |  |
| 5120-20           | JM-BLA-20D236U                      | 50                | Case               | 50               | 46.58 - 60.60               |  |  |  |  |  |
| 5120-25L          | JM-BLA-25D296U                      | 65                | Case               | 30               | 60.96 - 75.95               |  |  |  |  |  |
| 5120-30L          | JM-BLA-30D346U                      | 80                | Case               | 30               | 74.17 - 87.63               |  |  |  |  |  |
| 5120-35L          | JM-BLA-35D400U                      | 90                | Case               | 30               | 86.61 - 99.06               |  |  |  |  |  |
| 5120-40L          | JM-BLA-40D402U                      | 100               | Case               | 30               | 100.08 - 109.98             |  |  |  |  |  |
| 5120-50L          | JM-BLA-50D535U                      | 125               | Case               | 20               | 123.19 - 133.35             |  |  |  |  |  |
| 5120-58L          | JM-BLA-50D500U                      | 125               | Case               | 20               | 118.75 - 133.35             |  |  |  |  |  |
| 5120-60L          | JM-BLA-60D637U                      | 150               | Case               | 20               | 150.37 - 161.93             |  |  |  |  |  |
| 5120-80L          | JM-BLA-80D816U                      | 200               | Case               | 12               | 198.37 - 209.55             |  |  |  |  |  |

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|-------------------|-------------------------------------|-------------------|--------------------|------------------|-----------------------------|--|--|--|--|--|
|                   |                                     |                   |                    |                  |                             |  |  |  |  |  |
| WING NUT          |                                     |                   |                    |                  |                             |  |  |  |  |  |
| 5120-25           | JM-BLA-25D296U                      | 65                | Case               | 30               | 60.96 - 75.95               |  |  |  |  |  |
| 5120-30           | JM-BLA-30D346U                      | 80                | Case               | 30               | 74.17 - 87.63               |  |  |  |  |  |
| 5120-35           | JM-BLA-35D400U                      | 90                | Case               | 30               | 86.61 - 99.06               |  |  |  |  |  |
| 5120-40           | JM-BLA-40D402U                      | 100               | Case               | 30               | 100.08 - 109.98             |  |  |  |  |  |
| 5120-50           | JM-BLA-50D535U                      | 125               | Case               | 20               | 123.19 - 133.35             |  |  |  |  |  |
| 5120-58*          | JM-BLA-50D500U                      | 125               | Case               | 20               | 118.75 - 133.35             |  |  |  |  |  |
| 5120-60           | JM-BLA-60D637U                      | 150               | Case               | 20               | 150.37 - 161.93             |  |  |  |  |  |
| 5120-80           | JM-BLA-80D816U                      | 200               | Case               | 12               | 198.37 - 209.55             |  |  |  |  |  |

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| PRODUCT<br>NUMBER | ТҮРЕ     | EACH SIZE<br>(mm) | UNIT OF<br>MEASURE | CASE<br>QUANTITY | CONDUIT INNER DIAMETER (mm) |
|-------------------|----------|-------------------|--------------------|------------------|-----------------------------|
| 0                 | INSID    | E FIT - LOOP N    | NUT OR WING        | NUT              |                             |
| 5120-15P          | LOOP NUT | 40                | Case               | 50               | 37.08 - 46.48               |
| 5120-20P          | LOOP NUT | 50                | Case               | 50               | 46.58 - 60.60               |
| 5120-30PL         | LOOP NUT | 80                | Case               | 30               | 74.17 - 87.63               |
| 5120-30P          | WING NUT | 80                | Case               | 30               | 74.17 - 87.63               |
| 5120-40PL         | LOOP NUT | 100               | Case               | 30               | 100.08 - 109.98             |
| 5120-40P          | WING NUT | 100               | Case               | 30               | 100.08 - 109.98             |
| 5120-50PL         | LOOP NUT | 125               | Case               | 20               | 123.19 - 133.35             |
| 5120-50P          | WING NUT | 125               | Case               | 20               | 123.19 - 133.35             |
| 5120-60PL         | LOOP NUT | 150               | Case               | 20               | 150.37 - 161.93             |
| 5120-60P          | WING NUT | 150               | Case               | 20               | 150.37 - 161.93             |



Picture to the left is an example of using the Blank Duct Plug, Inside Fit with Loop Nut.

For more technical information and/or to download the Tech Sheet for these products, please visit the Product Webpage: <a href="https://calam.net/electrical-broadband/mechanical-plugs/">https://calam.net/electrical-broadband/mechanical-plugs/</a>

#### APPLICABLE CONDUIT

Look up the corresponding Kwikie<sup>™</sup> plug per conduit type in the table below. NOTE: Empty boxes indicate that the conduit is not made in that dimension.

| PRODUCT<br>NUMBER | CONDUIT<br>SIZE  | SCH40    | SCH80     | DB60     | DB100    | DB120    | EMT      | SDR9      | SDR11     | SDR13.5   | SDR15.5   | SDR17    |
|-------------------|------------------|----------|-----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|----------|
| Not available     | 12 <b>.</b> 7mm  | X        | X         |          |          |          | Х        |           |           | Х         |           |          |
| 5120-07           | 19 <b>.</b> 1mm  | <b>✓</b> | Х         |          |          |          | <b>✓</b> |           | <b>✓</b>  | <b>√</b>  | <b>✓</b>  |          |
| 5120-10           | 25 <b>.</b> 4mm  | <b>√</b> | *5120-07  |          |          | <b>✓</b> | <b>√</b> | <b>√</b>  | ✓         | <b>√</b>  | ✓         | <b>√</b> |
| 5120-12           | 31.8mm           | <b>✓</b> | <b>√</b>  |          |          |          | <b>√</b> | <b>√</b>  | <b>√</b>  | <b>√</b>  | <b>✓</b>  | <b>✓</b> |
| 5120-15           | 38 <b>.</b> 1mm  | <b>√</b> | <b>√</b>  |          |          | <b>✓</b> | <b>√</b> | *5120-12  | ✓         | <b>√</b>  | ✓         |          |
| 5120-20           | 50.8mm           | <b>✓</b> | <b>√</b>  | <b>✓</b> |          | <b>✓</b> | <b>√</b> | *5120-15  | <b>√</b>  | <b>√</b>  | <b>✓</b>  |          |
| 5120-25L          | 63.5mm           | ✓        | *5120-20  |          |          |          | <b>√</b> |           |           |           |           |          |
| 5120-30L          | 76.2mm           | <b>✓</b> | *5120-25L | <b>✓</b> | <b>✓</b> | <b>✓</b> | <b>✓</b> | *5120-25L | *5120-25L | <b>√</b>  | <b>✓</b>  |          |
| 5120-35L          | 88 <b>.</b> 9mm  | <b>√</b> | *5120-30L |          |          |          | <b>√</b> |           |           |           |           |          |
| 5120-40L          | 101.6mm          | <b>√</b> | *5120-35L | <b>✓</b> | <b>✓</b> | <b>✓</b> | <b>✓</b> | *5120-35L | *5120-35L | *5120-35L | *5120-35L |          |
| 5120-50L          | 127mm            | <b>√</b> | *5120-58L | Х        | <b>✓</b> | <b>✓</b> |          |           |           |           |           |          |
| 5120-58L          | 127mm            | <b>√</b> | <b>√</b>  | <b>✓</b> | <b>✓</b> | <b>✓</b> |          |           |           |           | <b>√</b>  |          |
| 5120-60L          | 152 <b>.</b> 4mm | <b>√</b> | Х         | <b>✓</b> | <b>✓</b> | <b>✓</b> |          |           |           |           |           |          |
| 5120-80L          | 203.2mm          | <b>✓</b> |           |          |          |          |          |           |           |           |           |          |

<sup>\*</sup> Cal Am product size required is different than trade size of conduit.

Applicable conduit types based on product's expansion range meeting or exceeding conduit average ID dimensions specified in one or more of following standards: UL651, UL651A, ASTM F2160, NEMA TC 6 & 8

#### ABOUT CAL AM MANUFACTURING

Cal Am Manufacturing® specializes in products for use in underground electrical and broadband applications. Founded in Southern

California over thirty-five years ago, Cal Am designs and produces fittings and sealing devices to serve utilities, municipalities,

government facilities, data centers, and fiber optic projects, through a worldwide network of distributors.

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