

# YELLOWJACKET® Fiber Optic Aerial Terminal



MADE IN USA



Channell's Yellow Jacket Aerial Terminal is a robust, multiport solution for above ground fiber optic deployments. The Yellow Jacket provides extreme environmental protection in the harshest conditions and facilitates quick connection of up to 16 drop cables each with individual strain relief.

Gaining entry to the Yellow Jacket terminal is quick and easy through its cover compression clamps. The terminal is designed to mount effortlessly on a strand (aerial mounting brackets included) and is capable of accommodating 4 distribution cable entry ports in either direction for maximum flexibility.

The Yellow Jacket allows for ample slack storage and is compatible with Channell's Universal Splice Trays for a maximum splice capacity up to 144F. Multiple splitter configurations can be accommodated for both centralized and distributed split deployments.

## FEATURES

- **144-fiber splice capacity**
- **16-port maximum drop capacity with SC adapters**
- **High-impact and UV resistant housing provides decades of protection and performance**
- **Dust and moisture resistant**
- **Left or right drop or distribution cable entry**
- **Universal Splice Trays allow splicing with loose-tube and ribbon cable**
- **Robust aerial strand bracket included**
- **Designed to meet GR771, IP67, and IEC 61300**

## PRODUCT SUMMARY

Channell's YellowJacket Fiber Optic Aerial Terminal is a low-cost solution for strand, pedestal, or pole-mount applications to maximize flexibility. It's available with up to 3 pre-installed splitters to reduce sourcing complexity and craft labor.

- Robust compression clamps provide solid drop and cable sealing and protection of internal components per GR-771 and IP67 requirements.
  - Inline or butt splicing capability reduces cable cost and streamlines cable placement because small cable slack loops replace the large, more costly butt splicing loops.
  - Flexible cable placement simplifies congested aerial networks.
  - YellowJacket reduces aerial and pole congestion by having a complete splice/patch solution.
  - Left or right drop configurability minimizes encroachment with existing cable plant and reduces make ready efforts
- Cable placement flexibility anticipates network changes in the coming years. An example of how Channell products are "Built for the Future."

### Faster drop installation:

- Integrated EasySeal grommet technology automatically seals drop cables in terminal through clamp design
- No need for additional grommets as all grommets are included with the terminal
- Pre-positioned drop seals inside the terminal ensures watertight seal
- Drop installation area is separated from cable splicing to enhance network integrity
- Fiber drop terminal or splice closure ability allows for straight and branch splicing which reduce the need for additional splice closures within aerial networks





**EASY SEAL  
PROTECTION**

Environmentally sealed enclosure is designed to meet GR771, IP68, and IEC61300

Small cable slack loops replace large butt splicing loops to minimize congestion in aerial networks

Multiple splitter configurations for both Centralized and Distributed Split deployments

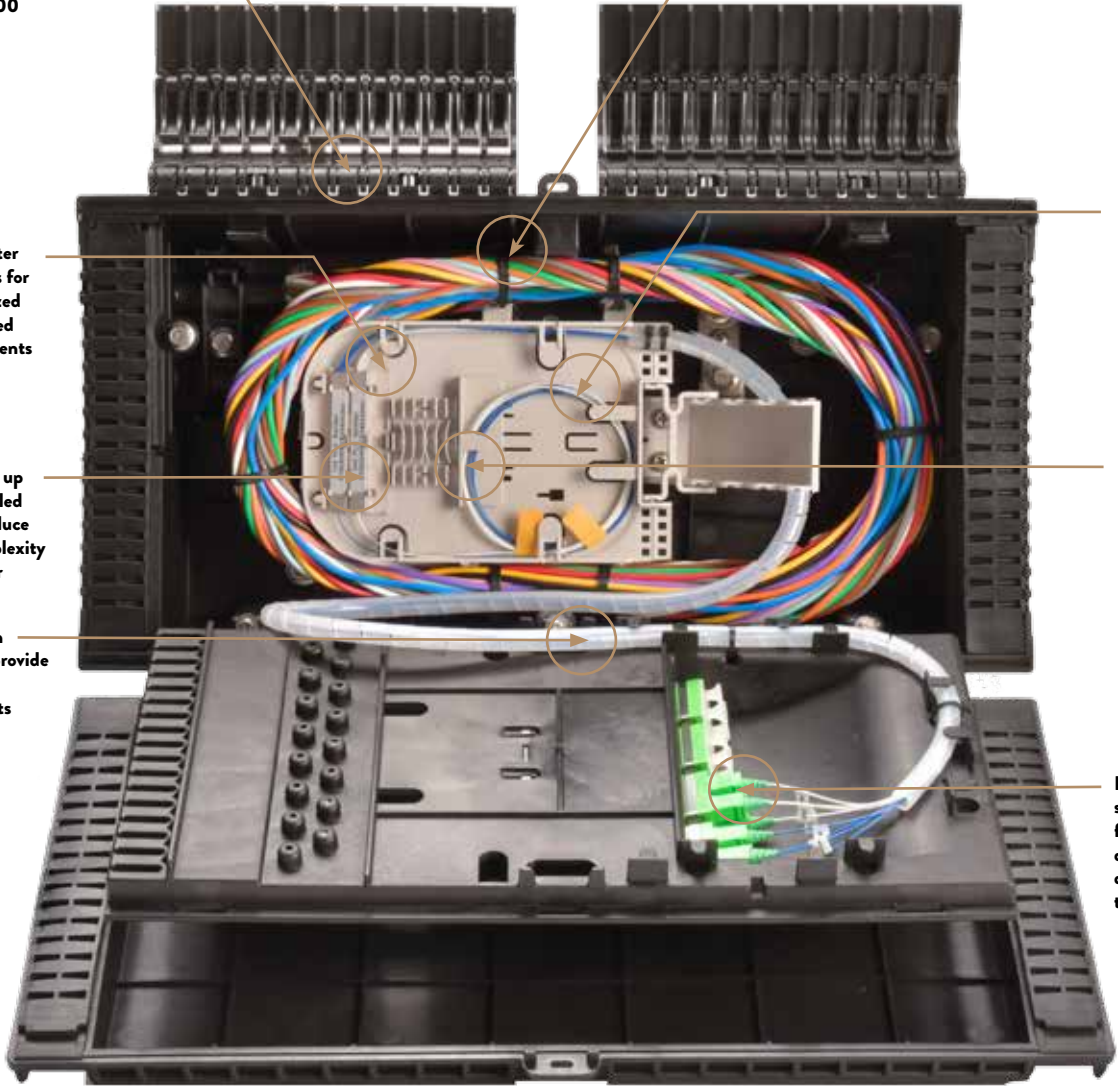
144F total splice capacity services maximum number of subscribers in one terminal solution and lower initial investment costs

Available with up to 3 pre-installed splitters to reduce sourcing complexity and craft labor

Universal splice tray compatibility standardizes multiple platform solutions in one footprint type to simplify deployments

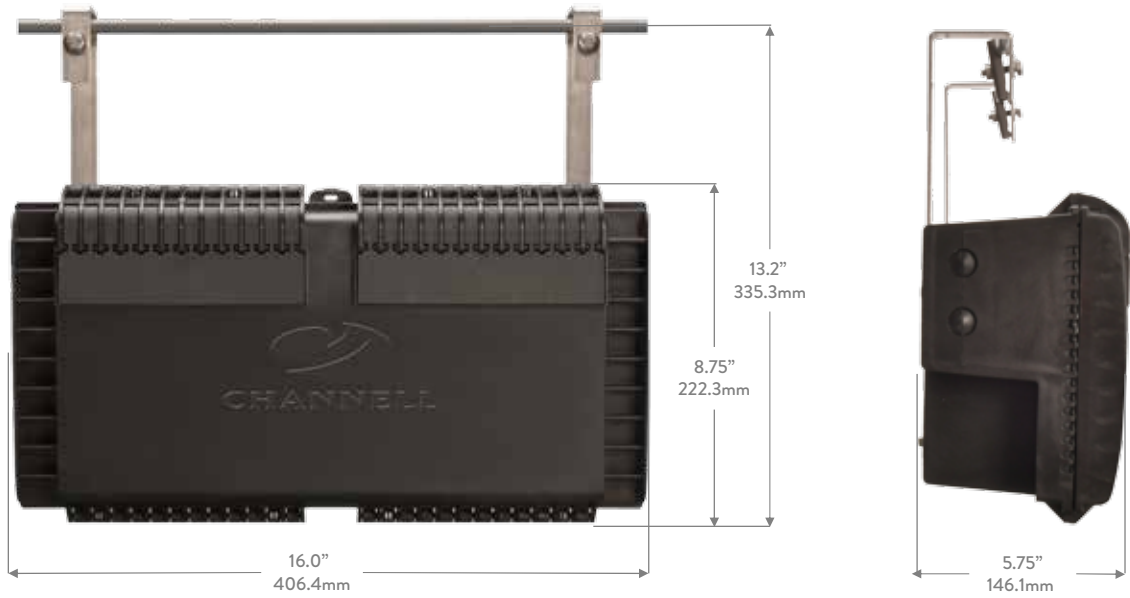
High-strength buffer tubes provide protection for splitter outputs

Pre-connectorized splitter outputs feed directly to drop ports for quick and easy turn-up service

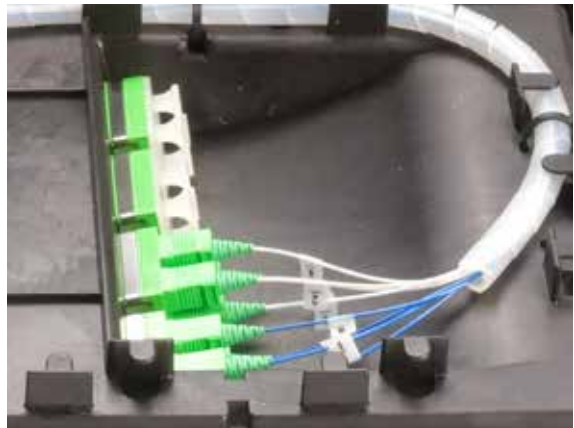


Design and specifications may vary.

# SPECIFICATIONS



Ample space located below splice trays for mid-sheath and buffer tube storage



Ability to configure as terminal or splice closure allows for straight or branch splicing

Design and specifications may vary.

# PART NUMBER MATRIX

|  | YJ | KO | 16 | X | X | X | X | X | X | X | X | X |
|--|----|----|----|---|---|---|---|---|---|---|---|---|
| <b>YELLOWJACKET</b>                        |    |    |    |   |   |   |   |   |   |   |   |   |
| Terminal Only                              |    |    |    |   |   |   |   |   |   |   |   |   |
| Drop Ports                                 |    |    |    |   |   |   |   |   |   |   |   |   |
| Splitter 1 Quantity                        |    |    |    |   |   |   |   |   |   |   |   |   |
| 0, 1, 2, 3, 4, 5, 6, 7, 8, 9               |    |    |    |   |   |   |   |   |   |   |   |   |
| Splitter 1 Type                            |    |    |    |   |   |   |   |   |   |   |   |   |
| N   None (Not Applicable)                  |    |    |    |   |   |   |   |   |   |   |   |   |
| A   1x2 (Leads Only Max 9) (SC Type Max 6) |    |    |    |   |   |   |   |   |   |   |   |   |
| B   1x4 (Leads Only Max 6) (SC Type Max 3) |    |    |    |   |   |   |   |   |   |   |   |   |
| C   2x4 (Leads Only Max 6) (SC Type Max 3) |    |    |    |   |   |   |   |   |   |   |   |   |
| D   1x8 (Leads Only Max 6) (SC Type Max 2) |    |    |    |   |   |   |   |   |   |   |   |   |
| E   2x8 (Leads Only Max 6) (SC Type Max 2) |    |    |    |   |   |   |   |   |   |   |   |   |
| Splitter 1 Connectorized Options           |    |    |    |   |   |   |   |   |   |   |   |   |
| N   None (Not Applicable)                  |    |    |    |   |   |   |   |   |   |   |   |   |
| S   Splice Only (Leads)                    |    |    |    |   |   |   |   |   |   |   |   |   |
| A   SC-APC (8 duplex adapters with 900um)  |    |    |    |   |   |   |   |   |   |   |   |   |
| Splitter 2 Quantity                        |    |    |    |   |   |   |   |   |   |   |   |   |
| 0, 1, 2, 3, 4, 5, 6, 7, 8, 9               |    |    |    |   |   |   |   |   |   |   |   |   |
| Splitter 2 Type                            |    |    |    |   |   |   |   |   |   |   |   |   |
| N   None (Not Applicable)                  |    |    |    |   |   |   |   |   |   |   |   |   |
| A   1x2 (Leads Only Max 9) (SC Type Max 6) |    |    |    |   |   |   |   |   |   |   |   |   |
| B   1x4 (Leads Only Max 6) (SC Type Max 3) |    |    |    |   |   |   |   |   |   |   |   |   |
| C   2x4 (Leads Only Max 6) (SC Type Max 3) |    |    |    |   |   |   |   |   |   |   |   |   |
| D   1x8 (Leads Only Max 6) (SC Type Max 2) |    |    |    |   |   |   |   |   |   |   |   |   |
| E   2x8 (Leads Only Max 6) (SC Type Max 2) |    |    |    |   |   |   |   |   |   |   |   |   |
| Splitter 2 Connectorized Options           |    |    |    |   |   |   |   |   |   |   |   |   |
| N   None (Not Applicable)                  |    |    |    |   |   |   |   |   |   |   |   |   |
| S   Splice Only (Leads)                    |    |    |    |   |   |   |   |   |   |   |   |   |
| A   SC-APC (8 duplex adapters with 900um)  |    |    |    |   |   |   |   |   |   |   |   |   |
| Splitter 3 Quantity                        |    |    |    |   |   |   |   |   |   |   |   |   |
| 0, 1, 2, 3, 4, 5, 6, 7, 8, 9               |    |    |    |   |   |   |   |   |   |   |   |   |
| Splitter 3 Type                            |    |    |    |   |   |   |   |   |   |   |   |   |
| N   None (Not Applicable)                  |    |    |    |   |   |   |   |   |   |   |   |   |
| A   1x2 (Leads Only Max 9) (SC Type Max 6) |    |    |    |   |   |   |   |   |   |   |   |   |
| B   1x4 (Leads Only Max 6) (SC Type Max 3) |    |    |    |   |   |   |   |   |   |   |   |   |
| C   2x4 (Leads Only Max 6) (SC Type Max 3) |    |    |    |   |   |   |   |   |   |   |   |   |
| D   1x8 (Leads Only Max 6) (SC Type Max 2) |    |    |    |   |   |   |   |   |   |   |   |   |
| E   2x8 (Leads Only Max 6) (SC Type Max 2) |    |    |    |   |   |   |   |   |   |   |   |   |
| Splitter 3 Connectorized Options           |    |    |    |   |   |   |   |   |   |   |   |   |
| N   None (Not Applicable)                  |    |    |    |   |   |   |   |   |   |   |   |   |
| S   Splice Only (Leads)                    |    |    |    |   |   |   |   |   |   |   |   |   |
| A   SC-APC (8 duplex adapters with 900um)  |    |    |    |   |   |   |   |   |   |   |   |   |

\*One splice tray will be provided for installing up to 3 splitters. Max splitter types are per terminal (e.g. max 9 1x2 splitters with leads only in one terminal)

# RECOMMENDED CONFIGURATIONS

| PART NUMBER     | DESCRIPTION   |
|-----------------|---|
| YJK0161BS1DA0NN | Yellow Jacket In-Line Terminal, 16-drop ports, One 1x4 primary splitter with leads only, One 1x8 secondary splitter with SC-APC |
| YJK0161DS1DA0NN | Yellow Jacket In-Line Terminal, 16-drop ports, One 1x8 primary splitter with leads only, One 1x8 secondary splitter with SC-APC |
| YJK0161DA0NN0NN | Yellow Jacket In-Line Terminal, 16-drop ports, One 1x8 primary splitter with SC-APC   |
| YJK0161BA0NN0NN | Yellow Jacket In-Line Terminal, 16-drop ports, One 1x4 primary splitter with SC-APC   |
| YJK0162BA0NN0NN | Yellow Jacket In-Line Terminal, 16-drop ports, two 1x4 primary splitters with SC-APC  |
| YJK0160NN0NN0NN | Yellow Jacket In-Line Terminal, 16-drop ports, No splitters, 1 splice tray  |

## PACKAGING INFORMATION

| DIMENSIONS   | CARTON DIMENSIONS | QTY PER PALLET |
|--|-------------------|----------------|
| 15.0" x 17.25" x 6.5" (381.0mm x 438.15mm x 165.1mm) | 49" x 31"         | 72             |



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