

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, IP65, 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 IP65 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



TECHNICAL SPECIFICATIONS



**EASY SEAL
PROTECTION**

Environmentally sealed enclosure is designed to meet GR771, IP65, 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.

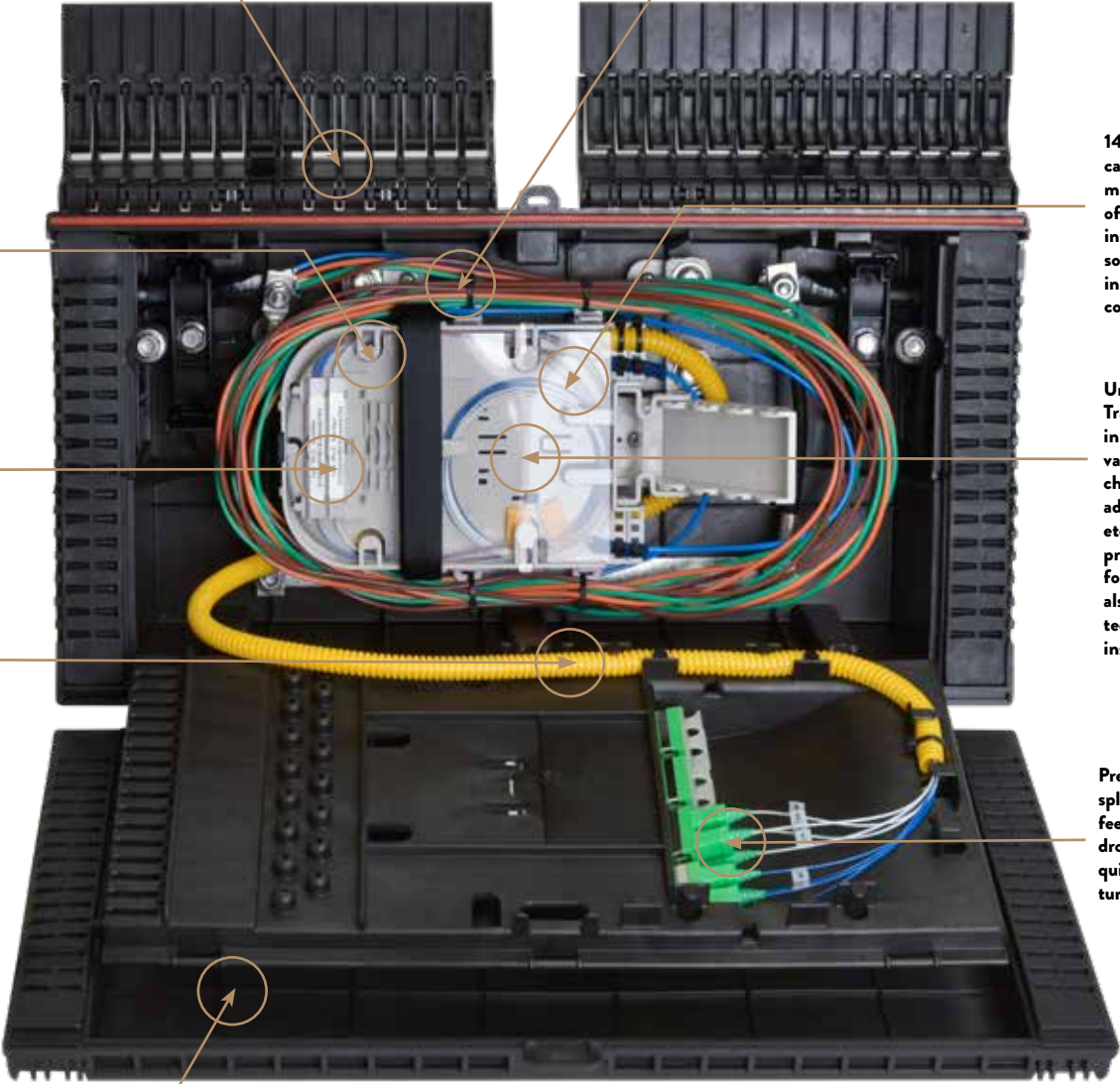
Available with up to 3 pre-installed splitters to reduce sourcing complexity and craft labor.

Universal Splice Tray – flexibility in accommodating various splice chips, routing clips, adapter panels, etc. The clear cover provides protection for the fiber but also allows the technicians to see inside for visibility.

High-strength buffer tubes provide protection for splitter outputs.

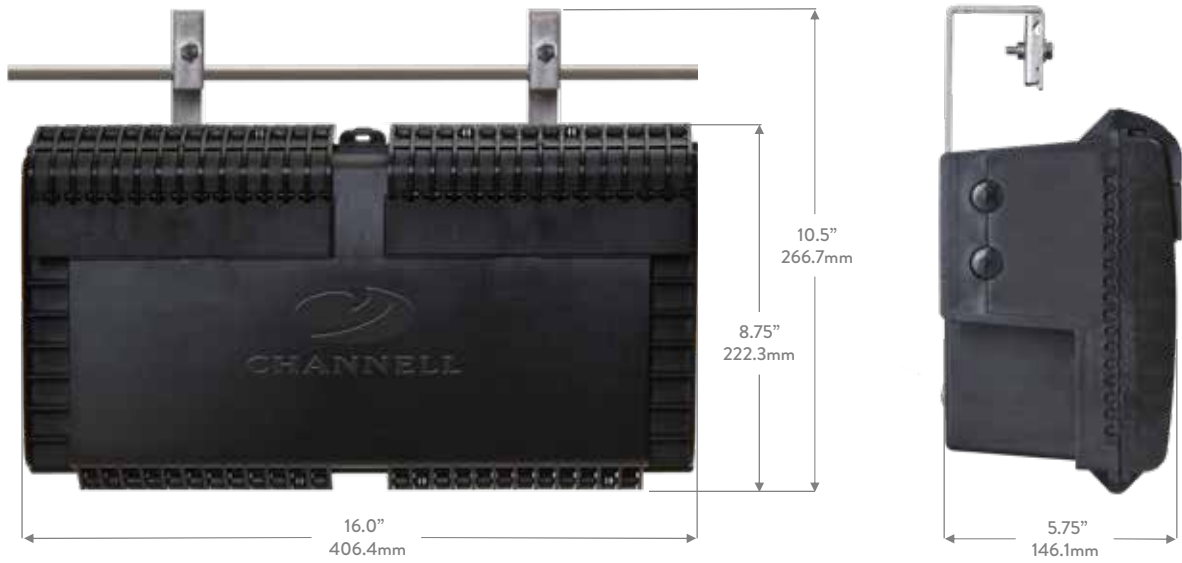
Pre-connectorized splitter outputs feed directly to drop ports for quick and easy turn-up service.

Completely toolless access to gain entry into the terminal (no need for tools, etc.)



Design and specifications may vary.

SPECIFICATIONS



Left or right main cable and drop cable entry provides maximum flexibility in aerial applications and avoids the need to procure and install additional hardware.



Right side drop



Left side drop

Bi-Directional terminal panel door allows drop connections from either side without tools, just by unsnapping and flipping the panel door.

Design and specifications may vary.

PART NUMBER MATRIX

	YJ	X	X	16	X	X	X	X	X	X	X	X	X	X	X	X
Yellow Jacket Inline																
Configuration																
K	Standard Terminal															
P	Pedestal Mount															
E	Engineered Tap (1 Splitter Tray)															
Type																
O	Standard Terminal (SC-APC)															
T	Armadillo Pedestal, 1212, Dark Green, Fiber Optic Logo Disk, Hex Self-Lock, Strand Bar															
Number of Ports																
16																
Splitter Quantity*																
0, 1, 2, 3, 4, 5, 6, 7, 8, or 9																
Primary Splitter Type																
N	None (Not Applicable)															
A	1x2 (Leads Only Max 9) (SC Type Max 6) (LC Type Max 6)															
B	1x4 (Leads Only Max 6) (SC Type Max 3) (LC Type Max 3)															
C	2x4 (Leads Only Max 6) (SC Type Max 3) (LC Type Max 3)															
D	1x8 (Leads Only Max 6) (SC Type Max 2) (LC Type Max 3)															
E	2x8 (Leads Only Max 6) (SC Type Max 2) (LC Type Max 3)															
F	1x16 (Leads Only Max 6) (SC Type Max 1) (LC Type Max 2)															
G	2x16 (Leads Only Max 6) (SC Type Max 1) (LC Type Max 2)															
H	1x32 (Leads Only Max 3) (SC - N/A) (LC Type Max 1)															
Connectorized Options																
N	None (Not Applicable)															
S	Splice Only (Leads)															
A	SC-APC															
Splitter Quantity																
0, 1, 2, 3, 4, 5, 6, 7, 8, 9																
Secondary Splitter Type																
N	None (Not Applicable)															
A	1x2 (Leads Only Max 9) (SC Type Max 6) (LC Type Max 6)															
B	1x4 (Leads Only Max 6) (SC Type Max 3) (LC Type Max 3)															
C	2x4 (Leads Only Max 6) (SC Type Max 3) (LC Type Max 3)															
D	1x8 (Leads Only Max 6) (SC Type Max 2) (LC Type Max 3)															
E	2x8 (Leads Only Max 6) (SC Type Max 2) (LC Type Max 3)															
F	1x16 (Leads Only Max 6) (SC Type Max 1) (LC Type Max 2)															
G	2x16 (Leads Only Max 6) (SC Type Max 1) (LC Type Max 2)															
H	1x32 (Leads Only Max 3) (SC - N/A) (LC Type Max 1)															
Connectorized Options																
N	None (Not Applicable)															
S	Splice Only (Leads)															
A	SC-APC															
Splitter Quantity																
0, 1, 2, 3, 4, 5, 6, 7, 8, 9																
Third Splitter 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)															
F	1x16 (Leads Only Max 6) (SC Type Max 1) (LC Type Max 2)															
G	2x16 (Leads Only Max 6) (SC Type Max 1) (LC Type Max 2)															
H	1x32 (Leads Only Max 3) (SC - N/A) (LC Type Max 1)															
Connectorized Options																
N	None (Not Applicable)															
S	Splice Only (Leads)															
A	SC-APC															
Main Cable Sealing																
A	0.75" Maximum Cable Diameter															
B	0.75" to 0.90" Maximum Cable Diameter															
Bonding / Grounding																
N	None (Not Applicable)															
A	Bond Strap (2) + Bond Clips (2)															

*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
YJK0161BS1DA0NNAN	Yellow Jacket In-Line Terminal, 16-drop ports, One 1x4 primary splitter with leads only, One 1x8 secondary splitter with SC-APC
YJK0161DS1DA0NNAN	Yellow Jacket In-Line Terminal, 16-drop ports, One 1x8 primary splitter with leads only, One 1x8 secondary splitter with SC-APC
YJK0161DA0NN0NNAN	Yellow Jacket In-Line Terminal, 16-drop ports, One 1x8 primary splitter with SC-APC
YJK0161BA0NN0NNAN	Yellow Jacket In-Line Terminal, 16-drop ports, One 1x4 primary splitter with SC-APC
YJK0162BA0NN0NNAN	Yellow Jacket In-Line Terminal, 16-drop ports, two 1x4 primary splitters with SC-APC
YJK0160NN0NN0NNAN	Yellow Jacket In-Line Terminal, 16-drop ports, No splitters, 1 splice tray
YJKA160NN0NN0NNAN	Yellow Jacket In-Line Terminal, 16-drop ports, No splitter(s), SC-APC, 1 splice tray

SPLITTERS

PART NUMBER	DESCRIPTION
SPL1X02BNBANPPK	Splitter 1x2 PLC 60x7x4, 1m splice input, 1m SC-APC output, 12-pack, Yellow Jacket
SPL1X04BNBANPPK	Splitter 1x4 PLC 60x7x4, 1m splice input, 1m SC-APC output, 12-pack, Yellow Jacket
SPL1X08BNBANPPK	Splitter 1x8 PLC 60x7x4, 1m splice input, 1m SC-APC output, 12-pack, Yellow Jacket
SPL1X02DNDNNPPK	Splitter 1x2 PLC 60x7x4, 2m splice input, 2m splice output, 12-pack, Yellow Jacket and Green Hornet
SPL1X04DNDNNPPK	Splitter 1x4 PLC 60x7x4, 2m splice input, 2m splice output, 12-pack, Yellow Jacket and Green Hornet
SPL1X08DNDNNPPK	Splitter 1x8 PLC 60x7x4, 2m splice input, 2m splice output, 12-pack, Yellow Jacket and Green Hornet

ACCESSORIES

PART NUMBER	DESCRIPTION	PACK QTY
USTKT-3	Universal Splice Tray Kit - Splice Tray with two 12-fiber single fusion splice holders (3-pack)	3
USTKT-12	Universal Splice Tray Kit - Splice Tray with two 12-fiber single fusion splice holders (12-pack)	12
USTKT-SF-12F	12-fiber single fusion splice holders for Universal Splice Tray (50-pack)	50
USTKT-MF-48F	48-fiber mass fusion splice holders for Universal Splice Tray (50-pack)	50
USTKT-SPL-3	3-position PLC splitter holders for Universal Splice Tray (50-pack)	50
USTKT-FBR-ORG	Fiber organizer for Universal Splice Tray (50-pack)	50
YJKT-SF-16F	16-fiber single fusion splice holders for Yellow Jacket Aerial Terminal (50-pack)	50
YJKT-BND-STRP	Bond straps for Yellow Jacket Aerial Terminal (24-pack)	24
YJKT-SH-CLMP	Upper and lower sheath clamps for Yellow Jacket Aerial Terminal (24-pairs)	24
YJKT-DRP-GR	Upper and lower drop grommet seals for Yellow Jacket Aerial Terminal (24-pairs)	24
YJKT-MAIN-GR	Upper and lower main cable grommet seals for Yellow Jacket Aerial Terminal (24-pairs)	24
ADP-SCADN1-48	SC-APC Adapter, Duplex, No Flange (50-pack)	50

PACKAGING INFORMATION

CARTON DIMENSIONS	PALLET DIMENSIONS	QTY PER PALLET
15.0" x 17.25" x 6.5" (381.0mm x 438.15mm x 165.1mm)	54" x 36"	108



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