

# AIC-400-33 AIC-600-29

## Aerial In-Line Splice Closure

CPE/Premise Wiring

Headend/CO

Utility/Municipality



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AIC-400



AIC-600

The AIC is a single piece aerial closure easily installed in construction or maintenance situations. The one piece construction permits complete splice access after placement without removal of the closure or bonding from the cables. Closures are free breathing and suitable for straight, butt and branch splices of non-pressurized communication cables. Splices are protected by the double-wall molded polyethylene construction. When properly installed, the durable closure will not crack or break even in harsh environments. All components are attached to the closure so there are no parts to lose.

To address a longer bundle repair the AIC-400 may be extended in length by utilizing another unit. Simply cut an additional AIC-400 in half along the circular groove, then clamp over the end of the unit being used to facilitate the repair.

### KEY PRODUCT BENEFITS

- ▶ High density polyethylene protects splices from UV degradation and harsh environments
- ▶ High quality hardware resists corrosive environments
- ▶ Innovative design permits access to splicing without the removal of the closure or the cable bonding
- ▶ Accommodates straight, butt, and branch splices to non-pressurized communication cables
- ▶ Integral vents provide ventilation and water drainage
- ▶ Replaceable rubber end seals
- ▶ Breathable in-line closure with floating bond system

### INDUSTRY STANDARDS

- ▶ Meets Key Elements of GR3151

## SPECIFICATIONS

	AIC-400-33	AIC-600-29
Outside Tube Dimensions	4.5" x 27"	5.75" x 29"
Maximum Splice Opening	26"	24.00"
Maximum Bundle Diameter	3.0"	4.50"
Min/Max End Seal Diameter Port 1	.25 - 1.75"	.25 - 2.30"
Min/Max End Seal Diameter Port 2	.25 - 1.25"	.25 - 1.60"
Min/Max End Seal Diameter Port 3	.25 - 1.25"	.25 - 1.60"
Approximate 24 AWG Pair Count	400 Pairs	600 Pairs

## ENVIRONMENTAL

Operating Conditions	-40°C to +70°C atmospheric pressure from 80-106Mpa
Hinge Flex Test	-40°C to +60°C
Temperature and Humidity Cycling	65°C to -40°C with 95% Humidity
Weathertightness	Prevents ingress of wind-driven particulate matter
Water Resistance	Water Intrusion Resistant
Corrosion Resistance	30 Day Salt Fog
Chemical Resistance	Fungus resistant to ASTM G21-96
UV Resistance	UV-B Type Ultraviolet Light - 90 Days

## ORDERING INFORMATION

Model #	Description
AIC-400-33	400 Pair Aerial In-Line Splice Closure
AIC-600-29	600 Pair Aerial In-Line Splice Closure