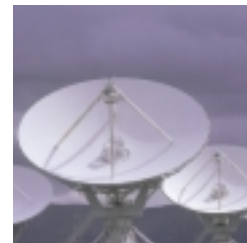




ELECTRICAL  
MECHANICAL  
INSULATION

CGANUSA

## GEL DROP SPLICE ENCLOSURE

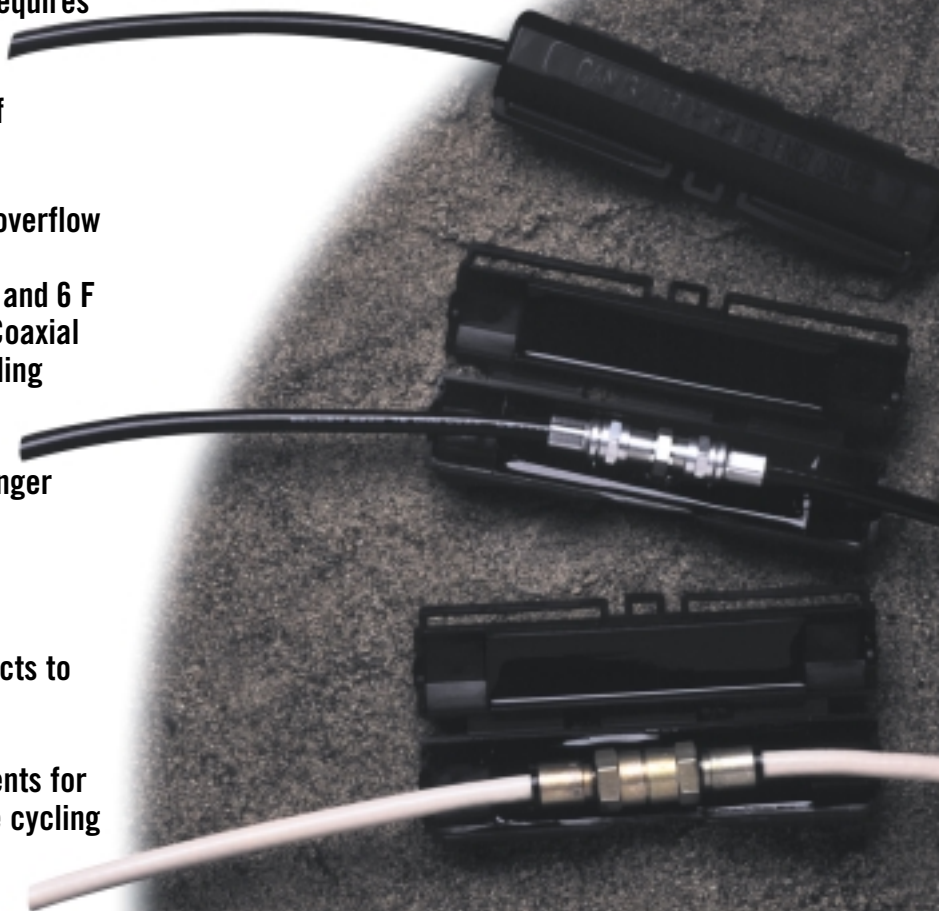


# CGEL 596

Gel filled closure is a simple, fast and effective method for providing complete environmental protection for Coaxial Drop Splices in burial and aerial applications

## Features

- **Single Piece, Clam Shell Design, requires no additional tools for installation**
- **GEL filled for complete waterproof protection**
- **Expansion Chambers prevent Gel overflow**
- **Accommodates a wide range of 59 and 6 F type and environmentally sealed Coaxial connectors and cable types including quad shielded cable**
- **Channel provided to retain messenger cable**
- **Fully re-enterable**
- **Tough outer shell withstands impacts to 5 ft-lbs**
- **Meets SCTE IPS-TP-013 requirements for water immersion and temperature cycling**



## Technical Data

### GEL Properties Physical

Property	Test Method	Typical Performance
Cone Penetration	ASTM D1824	121 mm
Surface Tack		3.0 sec
Elongation		>1200%
Specific Gravity	ASTM D70	0.98

### Environmental

Heat Aging 60°C for 30 days	Passed
Long Term Life	Properties retained for 20 years
Hydrophobic Properties	HLB<2

### Electrical

Dielectric Constant	ASTM D150	3.3 max @ 1kHz 3.0 max @ 100kHz
Power Factor	ASTM D150	0.03 max @ 1kHz 0.03 max @ 100kHz

### Closure Properties

Material Property	Test Method	Typical Performance
Tensile Strength	ASTM D638	3,900 psi (27 MPa)
Notched Izod Impact @ 23°C	ASTM D256A	2.0 ft-lbs/in
Drop Weight Impact Strength @ -29°C	Montell	21 ft-lbs
Specific Gravity	ASTM D792	0.90

### Installed Performance

Criteria	Test Method	Test Result
Moisture Migration	SCTE IPS-TP-013	No moisture migration
Impact Strength	CANUSA-AH-01 5 ft lbs, -18°C, 38°C	No cracking or opening of closure

## CANUSA

### There's no end to what we cover

CANUSA is a global company providing electrical and mechanical insulation solutions for a variety of industries and applications. Starting from products created by extensive developmental research at Shaw Industries (incorporated 1955), CANUSA is a recognized world leader in the provisioning of high quality heat shrink products.

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## Dimensions

NOMINAL DIAMETER		STANDARD LENGTHS	
mm	IN	mm	IN
25.4	1.00	116	4.590

## Applicable Cables and Connectors

**Cables:** All 59 & 6 Series Coaxial Cables including Quad Shield with Messengers

**Connectors:** 59 & 6 Series Coaxial Connectors:

<b>Digicon:</b>	Type 2 Series S Series 6 Splice Series
<b>Augat:</b>	F Series, SNS Series, Environmentally sealed SNS
<b>Gilbert:</b>	GF, GFW and GF 360 F Type, Ultraseal Series
<b>PPC:</b>	U and UV Series

## Ordering

To Order, specify: CGEL 596

Packaging: 12 pieces per box.

Specifications: SCTE IPS-TP-013.