



CableGuard 500 and 500+ Coax Demarcation Enclosures

The CableGuard (CG) 500 and 500+ Coax Demarcation Enclosures provide a secure compartment for terminating coax, and mounting any combination of splitters and/or a ground blocks. Constructed of a weather-resistant thermoplastic alloy, the hinged cover design allows easy access while the self-sealing individual entrance ports prevent water and insects from entering. The organized mounting arrangements not only create a standardized method for high quality drop installations, but also allow future expandability for broadband equipment. The CG-500+ enclosure is designed to operate at lower temperature extremes and provide more robust mechanical protection in severe environments.

Features

- Weather-resistant/high impact thermoplastic alloy (CG-500+)
- Weather-resistant thermoplastic (CG-500)
- Self-latching, hinged cover design allows easy access without loose parts
- Organized internal mounting bosses create a standardized mounting arrangement
- Snap close cover with padlock and 3/8" hex head fastener; other lock options also available
- Self-sealing individual entrance ports prevent water and insects from entering the NID
- Custom logo area
- Mounting options: wall, pole or conduit

Specifications CG-500/500+

PARAMETER	VALUES
Torque (mounting bosses)	20 in-lbs
High Temperature Storage/Mold Stress °F (°C)	14 days at 159 (70.55)
UV Resistance (Days Exposed)	60 per ASTM-G26-84
Salt Fog (Days Exposed)	60 per ASTM-B117-90
Dimensions (H x W x D) in. (cm)	6.5" x 8.0" x 2.75" (16.5 x 20.3 x 7.0)
Cable Entrances in. (cm) diameter - input	1 x 0.625 (1.5) + 1 x 0.25 (0.6) ground wire
Cable Entrances in. (cm) - output	2 x 0.625 (1.5)
Covers	Molded-in snap finger and 3/8" hex head fastener

Specifications

PARAMETER	CG-500	CG-500+
Impact Resistance	-5°C (23°F), 5 ft-lb on all external surfaces	-40°C (-40°F), 5 ft-lb on all external surfaces
Drop Test	-5°C (23°F), 5 ft. onto concrete surface 4 times	-40°C (-40°F), 5 ft. onto concrete surface 4 times
Chemical Resistance	Resists chipping and/or cracking when subjected to typical household chemicals	30 Days at 100°F and 95% RH Resists chipping and/or cracking when subject to: house paint, wasp spray, sulfuric acid, kerosene and sodium hydroxide
Material	Thermoplastic	UL® listed flame retardant thermoplastic alloy
Temperature Cycling with Humidity	150 day cycling from 0°C to 60°C (32°F to 140°F) with 95% RH	150 day cycling from -40°C to 60°C (-40°F to 140°F) with 95% RH

Ordering Information

MODEL NO.	AFL NO.
CG-500	DM000759
CG-500+	DM000572-CG