

Theft Proof Terminator

GTP-TRM and GTP-TRM-LR Product Information



Broadband
Products

Connector Specifications

Return Loss:
30 DB Nominal to 1GHz

Shielding Effectiveness:
120 DB Nominal

Moisture Migration:
Passes a modified SCTE
interface moisture migration
test (SCTE TP 013)

"F" Male Port Interface:
Meets SCTE IPS-SP-401
recommended "F" port inter-
face specification

"F" Female Port Interface:
Meets SCTE IPS-SP-400
exterior dimensions

Environmental Testing:
Passes 1000 hour salt fog
as per ASTM B117

Corning Gilbert introduces the newest members of our theft deterrent line of terminators. These products bring new features and benefits to the already largest line of terminator products in the CATV industry.

This new family of theft deterrent terminators is designed to provide optimal performance in typical field installations. They provide a weather-resistant, high performance termination when installed in less than optimal environments.

With moisture being a leading cause of terminator problems, these new products focus on the elimination of moisture entry paths. Typical terminators allow moisture to enter the rear of the terminator and migrate to the male interface. This causes corrosion and can lead to intermodulation (CPD) issues. To prevent this from happening, the interior components of Corning Gilbert's terminators are machined from solid brass. No press fits of components are used to block water migration. There is an o-ring between the rotating components of the connector. This provides a fully weather-resistant terminator even when the drop cable is not parked on the rear of the terminator.



By using all brass material and nickel plating for all exposed parts, the interaction that occurs between dissimilar metals is eliminated. This prevents the terminator from "locking up" and being easily removed even in highly corrosive environments.

Materials and Construction:

Constructed of C36000 Brass Alloy.

Exterior Body is nickel plated

Electrical contact area is tin plated

EPDM O-Ring

Product Features and Benefits

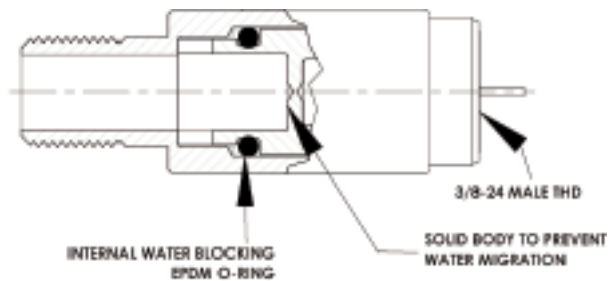
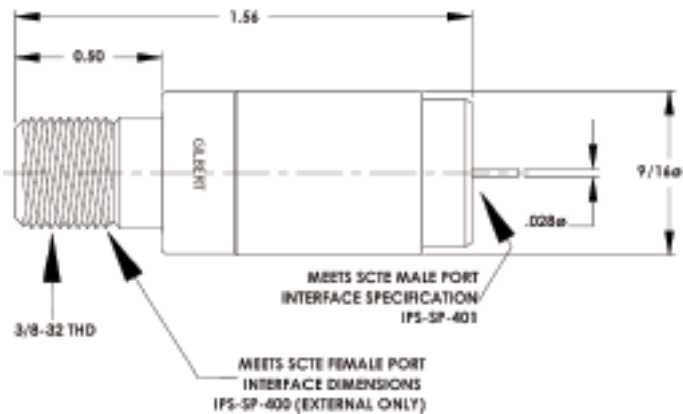
- C36000 brass alloy components for superior mechanical strength.
- Nickel plated exterior for superior corrosion resistance.
- O-ring between internal components to stop water migration.
- Both front and rear interfaces designed to accept sealing ring G-SR-1/2.
- Design prevents water migration into the terminator even when rear port is left exposed to the environment.
- Compatible with existing tools, both G-GTT type and NS-6270.
- Unique weatherproof design. (Patent pending)



Figure 1: G-GTT-4



Figure 2: NS-6270-1



Ordering Information

Part Number	Package Qty	Description	Tooling
GTP-TRM	25 pcs	With Resistor	G-GTT-4, G-GTT-7, or NS-6270-1, NS-6270-3
GTP-TRM-LR	25 pcs	Without Resistor	G-GTT-4, G-GTT-7, or NS-6270-1, NS-6270-3

Corning Gilbert Inc.
Broadband Products

5310 W. Camelback Rd.
Glendale, AZ 85301 U.S.A.

phone: 800 528 5567 (U.S. and Canada)
(01) 623 245 1050 (International)

fax: 800 344 6358
(01) 623 931 0684

website: www.corning.com/corninggilbert
e-mail: info-gilbert@corning.com