

ZISA G100

G.fast Modem



Description

G100 is a single RJ-11 port CPE which provides Gigabit high-speed Internet broadband connection through the existing twisted pair cable. It is easy for carriers/operators to deploy and bring ultrafast broadband and various A/V services to all homes.

G100

G.fast Chipsets

- Skypio SCK1001 DFE (Digital Front End)
- Skypio SCK1002 AFE (Analog Front End)

G.fast Standards

- Compliant with the ITU-T G.fast Recommendation (G.9700/1)
- Supports ITU-T G.997.1 extensions for G.fast

G.fast General

- Bandwidth: 2 - 106MHz (programmable)
- Max PHY rate: 1Gbps per line
- Flexible downlink/uplink bit rate ratio

G.fast PHY

- Very low noise receive path
- Under -150dBm/Hz line reflected noise
- Robust with high immunity to disturbers
- Fast train/retrain time
- Fast Online Reconfiguration (OLR)
- Flexible DTU size

Interfaces

- One Gigabit Ethernet LAN port with RJ-45 connector
- One G.fast link port with RJ-11 connector

Operating Requirements

- Operating Temperature: 0°C to 40 °C
- Storage Temperature: -10°C to 60 °C
- Operating Humidity: up to 80% RH non-condensing

Certifications

- UL 60950-1
- FCC Class B
- K.21
- CE

Dimensions

- 130 (L) x 80 (W) x 27 (H) mm

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