

CPE-2000 Datasheet



CPE-2000 is a single port EoC (G.HN 2.0) CPE (Customer Premise Equipment) which converts coax cable to Ethernet and delivers Gigabit Ethernet service to subscribers. It uses ITU-T Technical Specifications G.9960 / G.9961-G.hn 2.0.

■ Specifications

Features

System Architecture	G.hn wave2 G.hn Coax Line 1PORT (F Connector), LAN (RJ45 Connector)
Memory	In-band DDR Memory for Packet Buffer
Physical Dimension	4.58" (L) X 1.19" (W) x 3.11" (H)
Max. Transfer Rate	Up to 1000Mbps
Modulation	OFDM(Orthogonal Frequency Division Multiplexing)
Management	Via G.hn Access Multiplexer(GAM)
Networking Protocols	IEEE 802.1p, IEEE 802.1Q

Environmental

Power Input	DC5V @ 1A
Power Consumption	Max. 4.2W
Operating Temperature/Humidity	0 °C ~ 50 °C / 10 ~ 90%
EMC	EMI Class B

Media Interface

Ethernet Interface	RJ45, 1Port 1000BaseT
Ghn Interface	F Connector, Coaxial cable

G.hn Specifications

Standard/Certification	ITU-T G.9960 Support(G.hn PHY) ITU-T G.9961 Support(G.hn MAC) ITU-T G.9962 Support(Management Plane) ITU-T G.9980 (TR-069 Remote management) IEEE 802.3z for 1000Base-X IEEE 802.3x for Flow control IEEE 802.1p for CoS (Class of Service) IEEE 802.1Q for VLAN Tagging Certifications: Complies with FCC
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