Cisco 4 Pair G.SHDSL EFM/ATI Ethernet High-Speed WAN Interface Card

Designed to deliver high-speed Ethernet services over SHDSL access, the multimode G.SHDSL EHWIC offers symmetric data rates over one to four pairs of copper wire and supports both EFM and ATM modes. In order to achieve higher bandwidths, bonding of multiple pairs (4-wire, m-pair, Inverse Multiplexing over ATM [IMA], and EFM bonding) is supported. In EFM mode, the multimode G.SHDSL EHWIC allows bonding as defined by IEEE 802.3ah, and it is typically used in scenarios where individual links are aggregated using the 802.3ah loop aggregation. Depending on the amount of wire pairs in service, the data rates can be 1 x 5.7 Mbps up to 4 x 5.7 Mbps with Annexes F and G. The EHWIC complies with the 2BASE-TL standard, which is based on the IEEE 802.3ah EFM standard. The 2BASE-TL standard uses the technology standard based on ITU recommendation G.991.2 bis. In ATM mode, the multimode G.SHDSL EHWIC allows bonding of multiple pairs up to 4 pairs (8-wire) with increased bandwidth by using IMA or data interleaving with m-pair mode. In both IMA and m-pair modes, the multimode four-pair G.SHDSL EHWIC offer data rates up to 5.696 Mbps per pair and up to 22.784 Mbps over four pairs.

The multimode four-pair G.SHDSL EHWIC cost-effectively allows service providers and enterprise customers to deliver Ethernet services to sites with no access to fiber by using bonded copper pairs with symmetrical bandwidth at rates up to 4 x 5.696 Mbps. These rates cover applications traditionally served by high-data-rate DSL (HDSL), single-line DSL (SDSL), T1, E1, and services beyond E1. The multimode four-pair G.SHDSL EHWIC together with the Cisco ISR G2 router provides businesses the necessary bandwidth for critical traffic such as voice and video conferencing, and enables customers to save money by integrating voice and data traffic on the same WAN link. Service providers can increase subscriber revenue by bundling services and offering differentiated service levels through service-level agreements (SLAs).

Barcode	0882658438820
Ports	1 port(s) x RJ-45
Dimensions	14.30cm (W) x 4.45cm (D) x 15.88cm (H) - Weight 1.36kg

Features

∗ **Supports Annexes F and G**

∗ **Supports dying gasp and wetting current**

∗ **Supports point-to-point configuration**

∗ **Supports 802.1Q, QinQ, trunk, and VLAN tagging**

Specification

General

Designed to deliver high-speed Ethernet services over SHDSL access, the multimode G.SHDSL EHWIC offers symmetric data rates over one to four pairs of copper wire and supports both EFM and ATM modes. In order to achieve higher bandwidths, bonding of multiple pairs (4-wire, m-pair, Inverse Multiplexing over ATM [IMA], and EFM bonding) is supported. In EFM mode, the multimode G.SHDSL EHWIC allows bonding as defined by IEEE 802.3ah, and it is typically used in scenarios where individual links are aggregated using the 802.3ah loop aggregation. Depending on the amount of wire pairs in service, the data rates can be 1 x 5.7 Mbps up to 4 x 5.7 Mbps with Annexes F and G. The EHWIC

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Information

The multimode four-pair G.SHDSL EHWIC cost-effectively allows service providers and enterprise customers to deliver Ethernet services to sites with no access to fiber by using bonded copper pairs with symmetrical bandwidth at rates up to 4 x 5.696 Mbps. These rates cover applications traditionally served by high-data-rate DSL (HDSL), single-line DSL (SDSL), T1, E1, and services beyond E1. The multimode four-pair G.SHDSL EHWIC together with the Cisco ISR G2 router provides businesses the necessary bandwidth for critical traffic such as voice and video conferencing, and enables customers to save money by integrating voice and data traffic on the same WAN link. Service providers can increase subscriber revenue by bundling services and offering differentiated service levels through service-level agreements (SLAs).

General

Barcode	0882658438820

Interfaces/Ports

Ports	1 port(s) x RJ-45

Physical

Pack Quantity	1
Dimensions	14.30cm (W) x 4.45cm (D) x 15.88cm (H) - Weight 1.36kg

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About Memory Express

Although we started out selling just Memory the best part of fifteen years ago, we have diversified organically over the years at the request of our customers. We specialise in Networking, Storage and Disaster Recovery and have the knowledge, experience and strategic partnerships to provide you with the service and value you demand - quality products, reasonably priced and delivered on time.

Memory Express can offer you a full range of installation and configuration services for hardware and software as well as detailed, accurate advice on all aspects of your IT projects. You'll be glad to know that we don't have a room full of school leavers trying to sell products they don't understand - all our staff are seasoned IT specialists and have an average length of service of over ten years. We won't just push you towards the solution we feel like selling; we'll help you to find the one you need.

Meanwhile, online, we offer one of the largest product ranges of any UK IT supplier. Showing near live stock, in depth product information and keen pricing, we're sure you'll find what you need. We also have matched memory upgrades for over 50,000 models of computer, server, printer, phone and camera, guaranteeing you the right memory, first time. All this is backed up by the same great service you'd expect when dealing with us over the phone. For our regular business customers, we provide T3, our corporate purchasing portal which provides a truly corporate focused buying experience.

We're conveniently located in Park Royal, London's Technology Business Park, allowing us to reach all areas of the UK quickly and efficiently. Many of our City based corporate clients benefit from same day delivery and we can offer next day delivery to established customers throughout the British Isles. Online delivery tracking and status information means that you need not worry about the whereabouts of your order.

We're proud to have built up a wide variety of partnerships with quality vendors and many of our staff hold certifications from top tier manufacturers including Microsoft, Acronis, Symantec and VMWare.

Our clients vary in size from SMEs to many of the UK's largest corporates, government departments, schools and universities, and we're pleased to say that most have been our customers for many, many years - we believe in long term business relationships, not turning a quick profit. Why not contact us now to see how we can help you get the quality of service they already enjoy?