A900-IMA8S Datasheet

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Overview

A900-IMA8S is a Cisco ASR 903 8 port SFP Gigabit Ethernet Interface Module. Cisco ASR 900 Series interface modules are designed to support a wide range of services, speeds, temperature ranges, and rich capabilities. They provide cost-effective delivery of converged circuit emulation, optical transport network and business Ethernet services.

Quick Specs

Table 1 shows the quick specs.

Product Number	A900-IMA8S
Type	ASR 900 8 port SFP Gigabit Ethernet Interface Module
Port density	8-port Gigabit Ethernet SFP
Power draw	17W maximum
Module shipment weight	2.18 lbs
Module shipment package size (LxWxH)	15.44 x 9.44 x 4.31 inches

Ethernet Optics Supported

Table 2 shows the recommended models.

Model	Description
GLC-SX-MMD	Cisco GLC-SX-MMD 1000BASE-SX SFP transceiver module, MMF, 850nm, DOM
GLC-LH-SMD	Cisco GLC-LH-SMD 1000BASE-LX/LH SFP transceiver module, MMF/SMF, 1310nm, DOM
GLC-EX-SMD	Cisco GLC-EX-SMD GE SFP, LC Connector, EX transceiver
GLC-ZX-SMD	Cisco GLC-ZX-SMD 1000BASE-ZX SFP transceiver module, SMF, 1550nm, DOM
GLC-BX-U	1000BASE-BX SFP, 1310NM

Compare to Similar Items

Table 3 shows the comparison.

Part Number	A900-IMA1X	A900-IMA8S
Type	ASR 900 1 port 10GE XFP Interface Module	ASR 900 8 port SFP Gigabit Ethernet Interface Module
Port density	1-port 10 Gigabit Ethernet, XFP	8-port Gigabit Ethernet SFP
Power draw	13W maximum	17W maximum

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Specification

A900-IMA8S Specifications	
Type	ASR 900 8 port SFP Gigabit Ethernet Interface Module
Port density	8-port Gigabit Ethernet SFP
Power draw	17W maximum
Module shipment weight	2.18 lbs
Module shipment package size (LxWxH)	15.44 x 9.44 x 4.31 inches
Environmental specifications	–40 to 65ºC (–40 to 149ºF) operating temperature (using Industrial temperature XFP, SFP, and SFP+ optics) 0 to 40ºC (32 to 104ºF) operating temperature (CPAK and QSFP optics)
Relative humidity	5 to 95%, noncondensing
Storage environment	Temperature: –40 to 70ºC (–40 to 158ºF) altitude: 4570 m (15,000 ft)
MTBF at 40ºC (104ºF) operating temperature	2,987,310 hours
Reliability and availability	OIR field-replaceable SFP optics modules Support for both 1+1 SONET Automatic Protection Switching (APS) and SDH Linear Multiplexer Section Protection (MSP) protocols Single interface module software reset Rolling software upgrade, interface module by interface module

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