

Refurbished CISCO NM-1A-OC3-POM Datasheet

CISCO > ROUTERS

Cisco Network Modules

ATM OC-3 Network Module and Supported POMs and SFPs

Product Description ATM OC3 module with single POM (SFP) slot

ATM Service Category Definitions

ATM Service Categories	Typical Use
UBR	Best-effort service intended for non-real-time bursty applications that do not require a guarantee of traffic characteristics such as bandwidth, cell delay, and cell delay variation.
UBR+	Provides a guaranteed frame rate (GFR) service with single leaky bucket algorithm; provides the ability to reserve UBR bandwidth minimum, or specify bandwidth maximum; similar to VBR in that it increases the minimum cell rate (MCR) when cell rate falls below the MCR.
VBR-rt and VBR-nrt	Intended for applications that have bursty traffic patterns but require a guarantee of some traffic parameters; a peak cell rate (PCR), sustained cell rate (SCR), and maximum burst size (MBS) can specify traffic parameters.
ABR	Employed to maximize bandwidth use of the ATM link by using congestion feedback notification (resource management cells); both PCR and MCR specify the ABR connection; the transmit rate of each connection is flow-controlled such that the rate is always between the user-specified values for a minimum and peak rate.
CBR	Intended for real-time applications such as Systems Network Architecture (SNA) traffic, voice, and video, which require a fixed bandwidth and low cell delay; CBR in initial release supports data only.

Product Specifications

Regulatory Approvals

Product Safety	UL 60950 (United States) CSA C22.2, No. 60950 (Canada) EN 60950 (European Union) AS/NZS 60950 (Australia and New Zealand) IEC 60950 (International)
Immunity	EN300386 EN55024/CISPR24 EN50082-1
Emissions	ICES-003 Class A EN55022 Class A CISPR22 Class A AS/NZS 3548 Class A VCCI Class A EN 300386 EN61000-3-3 EN61000-3-2
Network Management	The following MIBs are supported: ATM-MIB CISCO-AAL5-MIB CISCO-ATM-PVCTRAP-EXTN-MIB CISCO-BUS-MIB CISCO-IETF-ATM2-PVCTRAP-MIB CISCO-IETF-ATM2-PVCTRAP-EXTN-MIB CISCO-LECS-MIB CISCO-LES-MIB LAN-EMULATION-CLIENT-MIB SONET-MIB

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