

10/100 Mbps Managed Optical Demarcation Module

iMcV-FiberLinX-II series



SPECIFICATIONS

GENERAL

Preserves complete end-to-end fiber connection integrity
Broadcast Storm Protection
Supports extra ragging (Q-in-Q) and selectable EtherTypes
Bi-directional bandwidth control
Supports 802.3ag/ah OAM (Operation, Administration & Management)
ITU-T Y.1731 End-to-end service
Read/write IEEE 802.1Q VLAN-tags
QoS: IEEE 802.1p-based packet prioritization (2 queues [high/low] with 8 levels of priority)
Layer 2 packet switching, store and forward operation
Forwarding rate: 14,881 pps for 10 Mbps; 148,810 pps for 100 Mbps
AutoCross for MDI/MDIX
Features auto-negotiation and selective advertising
Supports half and full-duplex operation
MTU: Supports jumbo packets up to 1916 bytes per packet

MANAGEMENT

SNMP V1 and V2c compatible
Includes GUI-based iView ² software for remote management and upgrades
Monitors far-end (remote) status without a physical presence or separate connection
IEEE 802.3x flow control
Includes DHCP and TFTP clients
Supports Telnet
Includes loopback test modes (MAC swap)
Includes LinkLoss, FiberAlert, and Link Fault Pass Through
Supports the Unified Management Agent (UMA)

ETHERNET PROTOCOLS SUPPORTED

IEEE 802.3i 10Base-T twisted-pair
IEEE 802.3u 100Base-TX twisted-pair
IEEE 802.3u 100Base-FX or SX fiber

MECHANICAL

Dimensions	Standard single-slot chassis module
Shipping Weight	113.4 gm (4.0 oz)

POWER CONSUMPTION

850mA at 3.3V

ENVIRONMENTAL

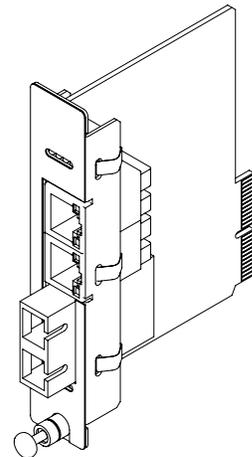
Operating Temperature	0 to +50 °C (+32 to +122 °F)
Storage Temperature	-20 to +70 °C (0 to +160 °F)
Operating Humidity	5 to 95% Non-condensing

REGULATORY APPROVALS

FCC Class A
UL/cUL, CE, CSA, CB

MEANTIME BEFORE FAILURE

MTBF	1.6 million hours
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MECHANICAL DIAGRAM

units = inches

