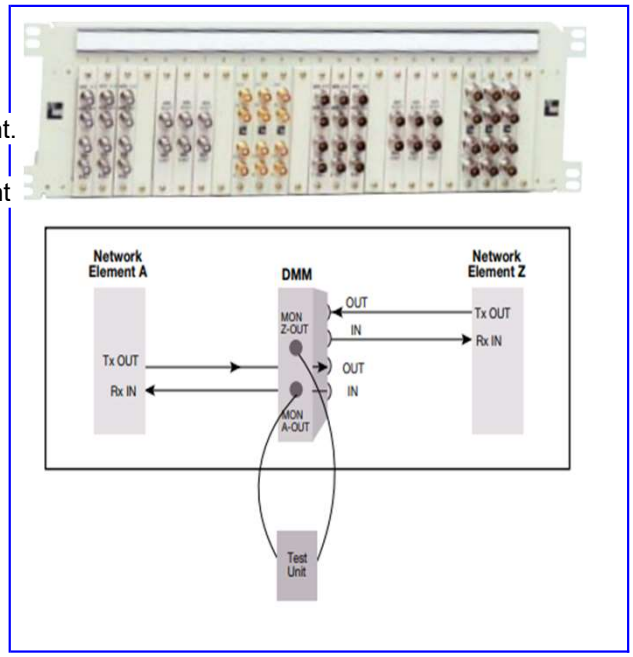
Digital Monitor Module System

75 Ohm Interconnect



- Designed as a flexible solution for network management.
- Digital Monitor Module (DMM) system provides a centralized coaxial termination and interconnection point between network elements (NE).
- The DMM system allows a permanent, dedicated connection between two NE's while providing dual, nonintrunsive test access points for bidirectional monitoring of the network signal.

Applications

Co-location environments
DDF locations and customer premises
as a connection point between NE's

Standards

Pulse template conform to CCITT Recomm. G.703

Features

Provides bidirectional, nonintrusive signal testing
Supports E1 (2.048 Mbps), E3 (34.368 Mbps)
or STM-1 (155.52 Mbps) signal rate applications
Modular design allows for capital investment to coincide with revenue grows
Mounts in standard 600mm bays
Quality cable management and circuit identification markings

Technical Specification

ELECTRICAL			
Insertion Loss	Better than	-0.5 dB	100kHz to 100MHz
	Better than	-0.8 dB	100kHz to 300MHz
Return Loss	Better than	-20 dB	100kHz to 300MHz
Monitor Loading Effect	< 0.4 dB change in insertion loss to 300MHz		
Monitor Level	21.5 +/-1.5 dB, 100kHz to 300MHz		
Isolation	< -55 dB at 22.368MHz		
Cross Talk	< -55 dB at 22.368MHz		
Phase Delay	< 4 ns to 300MHz		
MECHANICAL			
Retention Force	7 lbs. Minimum		
Retention Torque	4“ per lbs. Minimum		
ENVIRONMENTAL			
Thermal Shock	-40°C to +60°C operating		
	-55°C to +85°C non-operating		
Moisture Resistance	0% to 95%		

CONFIGURATIONS

The DMM system is available in several chassis and rack configurations to create a customized interconnect solution.
Each module is ordered separately and may be installed in any DMM chassis or rack configuration
as the network expands, allowing capital investment to coincide with revenue growth.

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