

COMMSCOPE RSM-2

ROUTER SYSTEM MODULE 2 FOR THE E6000

- 400 Gbps Total NSI Uplink Capacity Per RSM-2/RPIC-2Q Pair
- 800 Gbps Total NSI Uplink Capacity per Chassis with Active-Active Forwarding and Two RSM-2s in the Chassis
- Support for 100GigE Interfaces and for 10GigE Interfaces
- 80 Gbps Full Duplex Internal Link Switching Speed for each Client Card Slot
- Dedicated Out-of-Band Management (OOB) Port on RPIC-2Q (100 Mbps or 1 Gbps)
- Switching and Interconnectivity for Remote PHY Operation on the E6000 CER Acting as a CCAP Core (Future Software Upgrade)



SPECIFICATIONS

NETWORK-SIDE INTERFACE (NSI) PORTS	
Number of 100 Gigabit Ethernet Ports	Two (2) on RSM-2 front panel, one (1) on RPIC-2Q
100 Gigabit Ethernet Connector Type	QSFP-28
Number of 10 Gigabit Ethernet Ports	Two (2) on RSM-2 front panel, eight (8) on RPIC-2Q
10 Gigabit Ethernet Connector Type	SFP+
1 Gigabit Ethernet NSI Support	Via two (2) RSM-2 front panel 10 Gigabit Ethernet ports only
QSFP-28 Modules Supported	SR and LR (with Rel. 5.0. software)
PHYSICAL	
Power	-48 VDC
Power Consumption (W)	400 (typical at 25°C)
Operating Temperature: Short Term °F (°C)	+23 to +131 (-5 to +55)
Long Term °F (°C)	+41 to +104 (+5 to +40)
Storage Temperature °F (°C)	-40 to +158 (-40 to +70)
Operating Humidity (Min.-Max.)	5 to 85% (Non condensing)
Dimensions (H x W x D) in. (cm)	13.8 x 1.2 x 17.8 (35.0 x 3.0 x 45.3)
Weight lbs. (kg)	8.8 (4.0)
INSTALLATION ENVIRONMENT (SYSTEM LEVEL)	
Management Interfaces	100/1000 Mbps Ethernet (RJ-45) plus Console (serial port, RJ45)
NSI Connector Access	RSM-2 ports via front of chassis, RPIC-2Q ports via rear
MANAGEMENT ACCESS (SYSTEM LEVEL)	
In-band Management with Access Control Lists via any NSI port	
Out-of-Band Management via dedicated Ethernet port on RPIC-2Q	
Console (serial) port on RPIC-2Q	

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
1000508	Router System Module 2 (RSM-2)
1000509	Physical interface card for RSM-2 (RPIC-2Q)

For related products see producer datasheet!