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Refurbished CISCO CAB-T3E3-RF-BNC-M Datasheet

CISCO > INTERFACES-MODULES

Cisco Shared Port Adapters/SPA Interface Processors

Product Specifications	
Features	
Features	Descriptions
Product compatibility	Cisco 7600 Series Routers Cisco ASR 1000 Series Routers Cisco ASR 9000 Series Routers
Minimum software version	Cisco 7600 Series Routers with Cisco IOS Software Release 15.4(2)S and Cisco IOS XE Software Release 3.12.0.0S Cisco ASR 1000 Series Routers with Cisco IOS XE Software Releases 3.12.0,3.11.2, and 3.10.3 Cisco ASR 9000 Series Routers with Cisco IOS XR Software Release 5.2.0
Port density per SPA	2- and 4-port options
Physical Interface	1.0 and 2.3 RF connectors (75-ohm impedance) 1.0 and 2.3 R-to-BNC adapter cable options
Protocols	Serial encapsulations: HDLC PPP, RFC 1662 Frame Relay, RFC 1490
Features and functions	Up to 4 independent T3 or E3 ports configurable as either all T3 or all E3 only Full-duplex connectivity at T3 rate (44.736 MHz) or E3 rate (34.368 MHz) Subrate and scrambling support of Quick Eagle Networks (formerly Digital Link), Larscom, ADC Kentrox, Adtran, and Verilink DSUs Internal or network clock selectable per channel Line and payload loopback capabilities: Local and remote loopback at the T3 level Response to embedded loopback commands Insertion of loopback commands into transmitted signal Bit-error-rate-testing (BERT) pattern generation and detection per channel Selectable pseudorandom pattern up to 32 bits long, including all 0s, all 1s, 215, 220, 220 Quasi-Random Signal Sequence (QRSS), 223, and alternating 0s and 1s 32-bit error-count and bit-count registers Fully independent transmit and receive sections Detection of test patterns with bit error rates up to 10-2 24-hour history maintained for error statistics and failure counts, at 15-minute intervals 16- and 32-bit cyclic redundancy check (CRC); 16-bit default
T3-specific features	C-bit or M23 framing Binary 3-zero substitution (B3ZS) line coding T3 far-end alarm and control (FEAC) channel support Compliance with T3 pulse mask per ANSI T1.102-1993 Maintenance data link (MDL) Line build-out up to 450 feet (135 meters) Alarm monitoring Alarm indication signal (AIS) Loss of signal (LOS) Out of frame (OOF) Far-end receive failure (FERF) Performance data collection Line coding violation (LCV) Framing bit errors (F- or M-bit errors) P-bit error counts C-bit error counts Far-end block error (FEBE) counts
E3-specific features	G.751, or G.832 and unframed G.703 framing High-density bipolar with three zeroes (HDB3) line coding Compliance with E3 pulse mask Software-configurable E3 national service bits Alarm monitoring

	AIS
	LOS
	OOF
	FERF
	Performance data collection
	LCV
	Framing-pattern errors
	FEBE counts
Reliability and availability	OIR
	Single SPA software reset
MIBs	RFC 2496 MIB (T3 MIB) and T1.231 MIB
Network management	Simple Network Management Protocol (SNMP)
Physical specifications	Weight: 0.75 lb (0.34 kg)
	Height: 0.8 in. (2.03 cm) (single height)
	Width: 6.75 in. (17.15 cm)
	Depth: 7.28 in. (18.49 cm)
Power	2-port: 7.7W maximum
	4-port: 8.4W maximum
Compliance and agency approvals	CE Marking
	Safety
	UL 60950
	CSA 22.2 No.60950
	IEC 60950
	EN 60950
	AS/NZS 3260
	TS001
	EMC
	CFR47 Part 15
	ICES 003
	EN55022
	CISPR 22
	AS/NZ 3548
	VCCI
	EN55024
	EN50082-1
	EN61000-6-1
	Telecom (T3)
	ANSI T1 107
	T1 404
	AT&T 54014
	Telecom (E3)
	G.703
	G.751
	G.832
Environmental specifications	Operating temperature: 41 to 104°F (5 to 40°C)
	Storage temperature: -38 to 150°F (-40 to 70°C)
	Operating humidity: 5 to 85% relative humidity
	Storage humidity: 5 to 95% relative humidity

The next steps...

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