Tel: +44 (0)1279 408 777
Email: sales@gocomsys.com
Website: www.gocomsys.com

Refurbished CISCO SPA-2XT3-E3-V2 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...

ORDER NOW

VIEW ONLINE

Tel: +44 (0)1279 408 777

Email: sales@gocomsys.com

Website: www.gocomsys.com