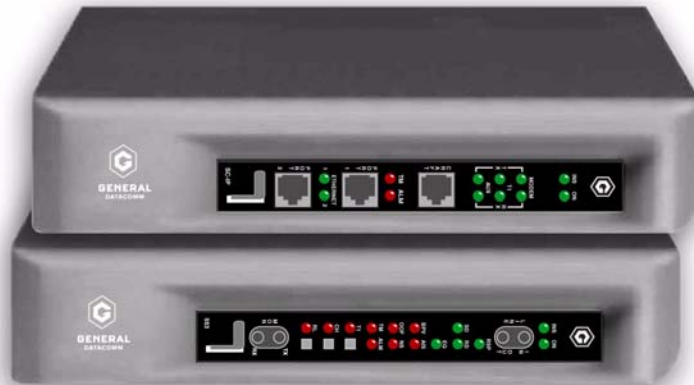


SpectraComm Enclosures



AC and DC powered enclosures shown with SpectraComm cards

FEATURES & BENEFITS

- Low profile, compact design ensures low emissions.
- Easy tool-free installation and removal of product card via the front panel slot, without powering down the enclosure.
- Modular design can house any compatible single-width SpectraComm/UAS product card
- Four models of enclosures accommodate the specific power requirements of the installed product card or customer site.
- 8 watts, max total power dissipation in the enclosure.
- Rear connector panel provides three 8-pin modular jacks (two line interface ports and one craft port) and one DB25F (DTE) connector.
- Supports TIA/EIA-232F, V.35, RS-530 or X.21 interfaces as required by installed product card.

Connectivity

Connections to all external devices are made via standard connectors at the card front panel and the enclosure rear panel. The enclosure's rear connector panel provides integrated TIA/EIA-232F, V.35, or EIA-530 interfaces that are used as needed by the installed SpectraComm blade.

SpectraComm enclosures also provide local test and configuration connectivity via a rear panel craft port for those SpectraComm blades that support a front or rear panel craft interface.

INTRODUCTION

SpectraComm Standalone Enclosures are designed to hold one single-width SpectraComm or UAS product card in non-NEBS applications. AC or DC versions of the enclosure accommodate the specific power requirements of the installed product card or customer site. Enclosure dimensions are 2.0 inches high by 10.5 inches wide, 10.5 inches deep (50.8 mm x 266.7 mm x 266.7 mm).

SpectraComm enclosures are typically deployed at remote customer premises that require management from master devices, in-band SNMP management, or TEAM management from a central site.

Enclosure Models

There are four models of SpectraComm enclosures, each intended for specific power requirements of the installed product card or customer site:

The SC1001 is the original SpectraComm AC-powered enclosure intended for most single-width SpectraComm or UAS product card applications. It comes equipped from the factory with an external 115 VAC wall-mount power transformer and power cord, or 220 VAC desktop transformer (customer-supplied cord).

The RA1000 is the new SpectraComm AC-powered enclosure intended for all compatible single-width SpectraComm or UAS product card applications. It comes equipped from the factory with an internal 100-240 VAC auto-ranging power supply and a domestic power cord.

The SC1002 and SC1012 are DC-powered enclosures intended for all compatible single-width SpectraComm or UAS product card applications. The enclosures provide a DC entry terminal block for direct connection to the power source on site. The SC1002 model is intended for use in +24/-48VDC applications; the SC1012 is intended for use in +12 VDC applications.

SpectraComm Enclosures

ENCLOSURES WITH SC / UAS CARDS (Partial List)

SC 1001 Assy	RA 1000 Assy	SC1002 Assy	SC1012 Assy	Installed Product Card	Documentation
	053A006-001	053A006-006		SC 202 Modem	073R150-000
	060A012-001	060A012-006		SC V.F 28.8/33.6 ADR Modem	060R112-000
	060A012-011	060A012-016		SC V.F 28.8/33.6 Dial Modem	
	060A012-411	060A012-416		SC V.34 Dial Backup Unit	
	060A012-511	060A012-516		SC V.34 4-Port Modem	060R122-000
	060A027-001	060A027-006		SC Dual V.34 Modem	
	048A050-111	048A050-116		SC 500A DSU	048R302-000
	048A054-111	048A054-116		SC 500A DSU with DRA	
	048A054-121	048A054-126		SC 500A DSU with 530 Interface	
	060A018-011	060A018-016		SC 521A DSU	076R152-000
	060A018-111	060A018-116		SC 521A DSU with 530 Interface	
	060A018-131	060A018-136		SC 521A DSU with DRA	
	060A028-001	060A028-006		SC 521A/S DSU	
	060A028-111	060A028-116		SC 521A/S DSU with 530 Interface	
	060A028-131	060A028-136		SC 521A/S DSU with DRA	
	060A016-001	060A016-006		SC 553 T1/FT1 DSU	076R155-000
	060A016-101	060A016-106		SC 553 DSU with Cascade	
	060A016-111	060A016-116		SC 553 DSU with 530 Interface	
	060A016-121	060A016-126		SC 553 DSU with Cascade/530 Interface	
	060A015-001	060A015-006		SC 800 T3 DSU	076R160-000
	076A032-001	076A032-006	076A032-212	SC-IP T1 Router	076R200-000
	076A032-011	076A032-016		SC-IP T1 Router with V.34 Modem	
	076A032-021	076A032-026		SC-IP E1 Router	076R201-000
	076A032-031	076A032-036		SC-IP E1 Router with V.34 Modem	
	076A034-021	076A034-026		SC-IP DSL Router (1 loop)	076R202-000
	076A034-031	076A034-036		SC-IP DSL Router with V.34 Modem (1 loop)	
	076A034-001	076A034-006		SC-IP DSL Router (2 loops)	
	076A034-011	076A034-016		SC-IP DSL Router with V.34 Modem (2 loops)	076R203-000
	076A034-111	076A034-113	076A034-212	SC-IP DSL.bis Router	
	076A033-001	076A033-006	076A033-212	SC-ES 9-Port Ethernet Switch	076R204-000
	076A032-201	076A032-206	076A032-312	SC-MR1 Mini Router	076R206-000
Not Fully Supported in SC1001 Enclosure	076A046-003	076A046-008	076A046-212	SC-ADT 8-port Async Data Transport	076R172-000
	076A046-013	076A046-018	076A046-312	SC-ADT 8-port Async Data Transport (1 mdm)	
	076A046-023	076A046-028	076A046-412	SC-ADT 8-port Async Data Transport (2 mdm)	
	076A046-001	076A046-006	076A046-512	SC-ADT 16-port Async Data Transport	
	076A046-011	076A046-016	076A046-612	SC-ADT 16-port Async Data Transport (1 mdm)	
	076A046-021	076A046-026	076A046-712	SC-ADT 16-port Async Data Transport (2 mdm)	
	076A048-001	076A048-006	076A048-212	SC-SDT Synchronous Data Transport	076R174-000
	048A124-001	048A124-006		UAS 611	072R120-000
	073A300-001	073A300-006		UAS 701-T2	073R124-000
	073A215-001	073A215-006		UAS 711-D2	073R121-000

Note: The SC1001 enclosure may not adequately power SC-ADT 8-/16-port assemblies that employ plug-in modem(s). In those applications, use the RA1000 (AC), SC1002 (DC) or SC1012 (DC) enclosure for full support of the plug-in modems.

SpectraComm Enclosures

PHYSICAL SPECIFICATIONS

Blade Capacity: One slot accepts one single-width SpectraComm, Innovx, or UAS network access blades.
Height: 2.0 in. (50.8 mm)
Width: 10.5 in. (266.7 mm)
Depth 10.5 in. (266.7 mm)
Weight: 4 lbs 10.4 oz (2.1 kg.) without blade

ENVIRONMENTAL SPECIFICATIONS

Non-operating Temp: -40 deg. to 158 deg. F (-40 deg. to 70 deg. C)
Non-operating Altitude: 0 ft. to +40,000 ft. (0 m to +12,191 m)
Operating Temp: 32 deg. to 122 deg. F (0 deg. to 50 deg. C)
Relative Humidity: 5% - 95% non-condensing
Operating Altitude: 0 ft. to +10,000 ft. (0 m to +3048 m)
(Derate by 1 deg. C/1000 ft. above sea level.)

COMPLIANCE & COMPATABILITY

Safety: UL Approved
EMI: FCC Part 15 Approved
Quality Assurance: ISO 9001: 2000 Certified

PHYSICAL INTERFACES

Network Interface: Two RJ45 modular connectors (two per slot)
Business Equip (DTE) One DB25 female EIA/TIA-232-E/V.24 connectors (one per slot)
Craft (Term) Port: One RJ45 8-pin modular connectors (one per slot for capable blades) Conventional DDS (Full-duplex, point-to-point, multi-point)

POWER SPECIFICATIONS

RA 1000 AC Enclosure

Power Supply:
Input: 100 - 240 VAC, 0.4 amps, 50-60 Hz
Output: 5 VDC 2.0 amps

SC 1002 DC Enclosure

Power Supply
Input: +24 VDC 0.33 amp, -48 VDC 0.17 amp max

SC 1012 DC Enclosure

Power Supply
Input: +10 to +18 VDC 1.1 amp