SWE-DISH CCT90 Suitcase®

Deploys fast to save you from a world of trouble.

The Rockwell Collins SWE-DISH CCT90 Suitcase® terminal with CommuniCase® Technology. The quickest-to-air terminal in the world.

Innovative modular architecture creates a line of easy-to-change terminals designed for the present and future – like all CommuniCase Technology products, the CCT90 Suitcase terminal features multiple modules, a plug-in modem, an antenna system, a controller, and a transceiver, all of which can easily be replaced and used with current and future SWE-DISH CCT products. Different modules supporting different frequency bands, power levels and modem types are available.

KEY FEATURES

- Slide-in cassette – makes the easy-to-switch multiple modem feature possible
- From case to contact in under five minutes – with no tools needed, easy one-man operation, an intuitive GUI, and fully automatic point-and-shoot antenna control, it's easy to see why it's the world's fastest terminal
- Compliant to military standards – constructed of rugged materials like carbon fiber and rigorously tested to surpass the toughest conditions and standards
- Super compact – not only is it the smallest terminal on the market, but its modular design makes it easy to adapt to your specific packaging need
- Small antenna, high transmission data rate – a highly efficient Gregorian dual offset elliptical antenna and feed system achieves low loss and up to 10 Mbps

Rockwell Collins

Building trust every day

GENERAL FEATURES

Antenna aperture	0.9 x 0.66 m (35.4 x 26.0 in) Gregorian offset antenna
Antenna positioning	Automatic positioning through GPS, electronic compass and inclinometer
Azimuth range	± 90°
Elevation range	10 - 90°
Size (app)	58 x 40 x 25 cm (22.8 x 15.7 x 9.8 in)
Weight (app)	39 kg (86 lb) option: 36 kg (79.4 lb)
Operating temperature	-32°C to +50°C (-26°F to +122°F)
Storage temperature	-40°C to +70°C (-40° F to +158°F)
Operational wind speed	Max 20 m/s (45 mph)
Operational altitude	Max 3,000 m (9,850 ft)
Sealing class	IP65
Packaging options	Courier box or IATA cases or backpacks or carry-on

PERFORMANCE

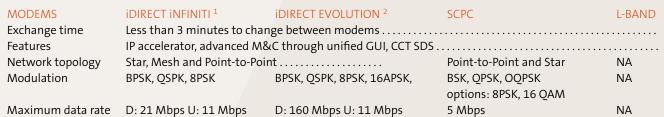|	50 W Ku-BAND	35 W Ka-BAND
EIRP @ saturation	55.0 dBW	61.0 dBW
G/T @ 20° elevation	19.3 dB/K @ 11.8 GHz	19 dB/K @ 20.7 GHz
Polarization	Linear	Circular, reversible
Transmit frequency	13.75 – 14.50 GHz	30.0 – 31.0 GHz
Receive frequency	10.95 – 12.75 GHz	20.2 – 21.2 GHz
Polarization range	190°	NA

MODEMS

	iDIRECT iNFINITI [1]	iDIRECT EVOLUTION [2]	SCPC	L-BAND
Exchange time	Less than 3 minutes to change between modems			
Features	IP accelerator, advanced M&C through unified GUI, CCT SDS			
Network topology	Star, Mesh and Point-to-Point		Point-to-Point and Star	NA
Modulation	BPSK, QSPK, 8PSK	BPSK, QSPK, 8PSK, 16APSK,	BSK, QPSK, OQPSK options: 8PSK, 16 QAM	NA
Maximum data rate	D: 21 Mbps U: 11 Mbps	D: 160 Mbps U: 11 Mbps options: 10 Mbps and 20 Mbps	5 Mbps	NA
Data interfaces	LANA and LANB	LANA and LANB	Serial and 2 LAN Bridge	Tx + Rx (L-band)
M&C interfaces	Monitor port (L-band)	Monitor port and LAN	LAN and RS232	

Other modem options (TRANSEC, Tx Input port, Cables) and modems are available, please contact sales for more information.

Notes
[1] *Requires iDirect software version iDX 1.1 legacy or later, or 8.0X to 8.3X.*
[2] *Requires iDirect software version 1.1 or later*

TERMINAL OPTIONS
Color, Surface mounting kit, Ethernet extender, Internal spectrum analyzer, Cables

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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Rockwell Collins delivers smart communication and aviation electronic solutions to customers worldwide. Backed by a global network of service and support, we stand committed to putting technology and practical innovation to work for you whenever and wherever you need us. In this way, working together, we build trust. Every day.

For more information contact:

Rockwell Collins
400 Collins Road NE
Cedar Rapids, Iowa 52498
800.321.2223
319.295.5100
Fax: 319.378.1172
E-mail: learnmore@rockwellcollins.com
Web site: www.rockwellcollins.com

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