

# SWE-DISH® CCT120 Drive-Away



There are merits to being the first to race to the scene. But what happens when the scene starts racing toward you?

Get the story and go with the HD-proven Rockwell Collins SWE-DISH® CCT120 Drive-Away System with CommuniCase® technology. The quickest-to-air vehicle mount in the world.

The benefits of CommuniCase Technology's common modular architecture in a unique system – the CCT120 Drive-Away is a system that can operate on X- and Ku- and Ka-band satellites.

You don't even need a dedicated roof, you can mount the same CCT120 Drive-Away to just about any vehicle in your fleet because there's no cable feed through the roof.

With the CCT120 Drive-Away, you get a rugged, lightweight, fully enclosed system that deploys quickly and gracefully, so you can transmit your voice, data or video back to base in no time.

#### KEY FEATURES

- ▶ Low weight, easy to install – designed for permanent or temporary installation on any SUV, Minivan, MPV or larger vehicle without any vehicle modification
- ▶ High style, low drag – sleek, attractive unit with azimuth turntable stays fully enclosed during transport to keep drag low and speeds high
- ▶ Contact typically in under five minutes – easy one-man operation, an intuitive GUI and fully automatic point-and-shoot antenna control depending on modem used. It's easy to see why it's the world's fastest vehicle mount system
- ▶ Reliable – constructed of rugged materials and thoroughly tested to surpass the tough conditions and environmental standards to ensure in-field transmissions
- ▶ High transmission data rate – up to and above 20 Mbps, depending on configuration, a highly efficient Gregorian dual offset elliptical antenna and feed system with low loss achieves a very high EIRP

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## GENERAL FEATURES

Antenna concept	Gregorian offset antenna, elliptical main reflector, folding feed arm with fixed subreflector		
Antenna aperture	1.2 x 0.84 m ( 47.24 x 33.07 in)		
Azimuth range	± 175°		
Elevation range	10 to 90°		
Certifications	Certified on SkyNET (X-band) Eutelsat type approved (EA-V057) and Intelsat type approved (GVF/IA201AAA) CE Certified according to 1999/5/EC R&TTE and 2006/42/EC Machinery Directives		



## PERFORMANCE

	60W X-BAND	50W KU-BAND	35W KA-BAND
EIRP (min @ midband)	54.2 dBW @ P1dB	57.7 dBW @ P1dB	59.0 dBW @ Pmax lin
G/T @ 20° elevation	15.7 dB/K (typ @ midband)	19.0 dB/K (typ @ midband)	21.0 dB/K (typ @ midband)
Polarization	Circular, reversible	X-pol linear, co-pol option	Circular, reversible
Transmit frequency	7.9-8.4 GHz	13.75-14.5 GHz	30.0-31.0 GHz
Receive frequency	7.25-7.75 GHz	10.7-12.75 GHz	20.2-21.2 GHz
Polarization range	N/A	190°	N/A

## OPERATIONAL CONDITIONS

Operating temperature range	-20°C to +50°C (-4°F to +122°F)
Storage temperature range	-40°C to +70°C (-40°F to +158°F)
Operational wind speed	Max 20 m/s (44.7 mph) X- and Ku-band Max 12 m/s (26.8 mph) Ka-band
Survival wind speed	Max 30 m/s (67.1 mph) Max 200 km/h (124.2 mph), stowed
Operational altitude	Max 3.000 m (9.850 ft)
Survival altitude	Max 12.000 m (39.400 ft)
Sealing class	IP65
Operating humidity	Up to 100% condensing
Rainfall	Max 100 mm (4 in) rain per hour



## PHYSICAL

Interface to vehicle	Roof bars under antenna can be permanently or temporarily attached to standard vehicle roof rails or directly to vehicle roof
Physical size when stowed	161 x 131 x 38 cm (63.5 x 51.4 x 14.8 in)
Weight	63 kg (138.9 lb) with Ku-Band 50W SSPA 65 kg (142.9 lb) with X-band 60W Max roof load ≤ 75 kg (165 lb), including roof racks approx. 5-7 kg (11-15.4 lb)

## POWER

AC supply	90-264 V 47-63 Hz
Power consumption	800 W

For drive-away control unit, see separate data sheet, CCT Controller

**SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.**

## Building trust every day.

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.

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