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 new 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 Ku-band system – the new CCT120 Drive-Away is the most innovative satellite terminal to hit the roof. In fact, 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 SNG contribution 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 new 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 of live broadcast situations
- High transmission data rate – up to and above 20 Mpbs, 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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PERFORMANCE

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)
Transmit frequency	13.75-14.50 GHz
EIRP @ saturation	58 dBW (50 W SSPA) 63 dBW (180 W TWTA)
Receive frequency	10.95 - 12.75 GHz
Polarization	Linear
G/T @ 20° elevation	21 dB/K @ 11.8 GHz (Co-pol: 20 dB/K)
Azimuth range	± 175°
Elevation range	10° to 90°
Polarization range	190°

OPERATIONAL CONDITIONS

Operating Temperature Range	-20°C to +47°C (-4°F to +117°F)
Storage Temperature Range	-40°C to +70°C (-40°F to +158°F)
Operational Wind Speed	Max 20 m/s (44 mph)
Survival wind speed	Max 30 m/s (67 mph)
Survival wind speed, stowed	Max 200 km/h (124 mph)
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 50 W SSPA 68 kg (149.9 lb) with 180 W TWTA Max roof load ≤ 75 kg (165 lb), including roof racks approx. 5-7 kg (11-15.4 lb)

POWER

AC Supply	99-264 V 47-63 Hz
Power Consumption	800 W (50 W SSPA) 1100 W (180 W TWTA)

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

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.

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