



Product Brochure

C-Series Drive-Away Terminals

Vehicle-Mounted PSAT

When the mission or assignment takes you off the beaten path, DataPath keeps you connected. Drive in and get online in minutes, then drive out just as quickly with DataPath's C-Series drive-away terminals. These lightweight, fully enclosed, vehicle-mounted terminals deploy quickly, so you can transmit your voice, data or video on air in no time. For more than two decades, news crews, first responders, industrial sites, and military units all over the world have been relying on DataPath for fast, durable portable satellite terminals, often in the harshest, most remote locations.



C-Series
Drive-Away

Permanent or Temporary Installation

Install directly on roof or on standard roof rails without any modification

Sleek Design

Azimuth turntable stays fully enclosed during transport keeping drag low and speeds high

Intuitive GUI and Fully Automated Point-and-Shoot Antenna Control

Allows for easy one-person operation

Field-Proven and Tested

Withstands wind-drag, rain, dust, and other environmental hazards

Modular X, Ku, and Ka Transceivers

Flexibility to operate on multiple satellite networks and reduce sparing with shareable replaceable units

Antenna-Only Variant

Provides the freedom to use any Ku-band high powered amplifier (HPA) with up to 400W output which can be integrated inside or outside the pod

Technical Specifications

Model	CCT120-DA			C120-DA
Band	X (60W)	Ku (50W)	Mil Ka (35W)	Ku (antenna only)
Reflector	1.2 x 0.84 m (47.2 x 33.1 in), carbon fiber			
Azimuth Range	±175°			
Elevation Range	10° - 90°			
Operating Temperature	-32°C to +55°C (-25°F to +131°F)			
Storage Temperature	-40°C to +70°C (-40°F to +158°F)			
Operational Wind Speed	Up to 20 m/s (44.7 mph)		Up to 12 m/s (26.8 mph)	Up to 20 m/s (44.7 mph)
Operational Rainfall	Max 100 mm/hr (4 in/hr)			
Relative Humidity	Up to 100% condensing			
Weight	65 kg (142.9 lbs)	63 kg (138.9 lbs)		60 kg (132.3 lbs)
Dimensions (stowed)	161 x 131 x 38 cm (63.5 x 51.4 x 14.8 in) when stowed			
Certifications	SkyNET: Eutelsat: Intelsat: Telenor THOR 7: Inmarsat GX type approved (Mil Kaband): ARSTRAT (WGS) certified (X- and Ka-band): CD Certified according to 1999/5/ EC R&TTE and 2006/42/EC Machinery Directives			Varies based on configuration
Polarization	Circular, reversible	Linear, cross-pol; co-pol option	Circular, reversible	Linear, cross-pol
Transmit Frequency (GHz)	7.9 - 8.4	13.75 - 14.5	30.0 - 31.0	13.75 - 14.5
Receive Frequency (GHz)	7.25 - 7.75	10.70 - 12.75	20.2 - 21.2	10.7 - 12.75
EIRP, Min @ midband (dBW)	54.2 @P1dB	57.7 @P1dB	59.0 @Pmax lin	Varies based on configuration
G/T, @ 20° elevation (dB/K)	15.7 (typ @ mid-band)	19.0 (typ @ mid-band)	21.0 (typ @ mid-band)	Varies based on configuration