

FEATURES & CAPABILITIES

The ATC Cabinet Card is an ATC communications module that enables operation of ATC cabinets by Cubic | Trafficware NEMA TS 2 shelf mount ATCs including the COMMANDER™ and the Trafficware ("Green Machine") ATC Controller.

The card features an ATC cabinet connector with two synchronous serial communications interfaces and cabinet control signals. For applications that do not require the second synchronous serial interface (which is typically used in ATC cabinets to communicate with devices that emulate NEMA TS 2 detector BIUs), the second serial port can be routed via an internal switch from the ATC cabinet connector to an asynchronous interface on a general purpose 9-pin connector for use with auxiliary in-cabinet devices such as modems and GPS time sources.

SPECIFICATIONS

Dimensions:	Conforms to ATC 5201 v6 Communications Interface form factor
Edge Connector:	Conforms to ATC 5201 v6 Communications Interface Slot A2 pin assignments
Weight:	0.45 lb.
Port C12SX:	EIA-485 (synchronous) optically isolated with SP1, SP2, and cabinet control signals (LINESYNC, NRESET, POWERDOWN); DB-25S; max. 614.4 kbps
Port C22S:	EIA-232 (asynchronous) optically isolated with SP2; DE-9S; max. 230.4 kbps
Cabinet Compatibility:	ATC (5301 v2), ITS (v1)



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