



BAK ARINC 600 Rack & Panel Solutions for Commercial Aerospace Applications

Designed for exceptional performance in harsh environments, ITT Cannon's Rack & Panel interconnect solutions are manufactured to the highest quality and reliability. Our BAK ARINC 600 Rack & Panel connectors represent the standard for Avionic systems developed to support the Air Transportation industry. These highly engineered, blind mate interconnects are available in three and six gang configurations and accommodate up to 800 low insertion force contacts.

- **Cannon BKAC ARINC 600 Rack & Panel Series**
Rear Release/Rear Removable with Size 12, 16, 20, 22 Crimp Contacts
- **Cannon BKAD/E ARINC 600 Rack & Panel Series**
Rear Release/Rear Removable with Size 12, 16, 20, 22 Crimp Contacts
- **Cannon BKA/X ARINC 600 Rack & Panel Series**
Front Release/Front Removable with Size 22 Solder Tail and Wrap Post Contacts



The CANNON Difference:

- Highly engineered
- Exceptional versatility & performance
- Proven reliability and a commitment to delivering the best solution for standard and custom design requirements

Key Features:

- Low insertion force contacts
- Environmental and non-environmental versions
- Polarizing posts removable from the mating face
- Field replaceable inserts for size 22 and power contacts
- Up to 800, size 22 contacts in one connector
- Crimp, coax, power, printed circuit and wire wrappable post style contacts
- Standard DPX crimp, insertion/extraction tooling
- Waveguide connections available



Key Applications



AVIONICS



CABIN SYSTEMS



IFE/C

BKA ARINC 600 Rack & Panel How to Order | Part Number Configurator



Product	BKA (Per ARINC 600)		BKA	R	D	2	-	A234	M	-	3	00	01*	-	F0
RoHS Version: (Optional)	R -	RoHS Compliant Finish: Trivalent Chromate													
Class:	C -	Same as E, except uses BKAD shells and Less O-rings on plug side													
	D -	Non-Environmental (rear release, crimp contacts)													
	E -	Environmental (rear release, crimp contacts)													
	F -	Receptacle only - Non-environmental (front release, solder and wrap post #22 contact, all others are rear release)													
	PF -	Plug only - Non-environmental (front release, solder and wrap post #22 contact, all others are rear release)													
	T -	Non-environmental connector using filtered contacts. See ITT Filter Connector catalog for further details. (Reference only)													
	X -	Receptacle only - All contacts are front release, for PCB Applications only													
	PX -	Plug only - All contacts are front release, for PCB Applications only													
Shell Size:	1 -	Max. contact capacity - 125	ARINC 600 Original Mating Forces												
	2 -	Max. contact capacity - 400	27 lbs *												
	3 -	Max. contact capacity - 800	60 lbs *												
Connector Layout Description:		See Pages 12-16 for Connector Layouts	105 lbs *												
Size 1 Coax Insert Modifier:	M -	Connector contains modified 71W1 or 2W2 insert (four Mounting screw hole locations and coaxial contact used in this insert are interchangeable between other manufacturers)													
Shell Style:	3 -	Plug (Rack side)													
	4 -	Receptacle (Box side)													
Connector Mounting Modifier:		See Page 9 for Connector Mounting Modifiers													
Polarizing Position:	01 -	See Polarization chart on Page 22 for Position 01 through 216 (per ARINC 600)													
	00 -	00 for polarization indicates that polarizing hardware is not supplied (i.e., BKAD2-313-30000) Blank or no position indicated means - Polarizing posts or keys not installed but supplied with connector (i.e., BKAD2-313-300)													
Modifier (Contact, Finish, Material):	F0 -	See Page 10 for Modifiers (Contact, Finish, Material)													

ANY OTHER COMBINATION OF INSERTS WITHIN A SPECIFIC SHELL IS AVAILABLE UPON REQUEST: For additional layouts, consult your account representative.



Why ITT

ITT is a focused multi-industrial company that designs and manufactures highly engineered critical components and customized technology solutions. ITT's Cannon brand is a leading global manufacturer of connector products serving international customers in aerospace, defense, medical, industrial and transportation end markets. ITT's Connector business, which also includes the Veam and BIW Connector Systems brand, manufactures and supplies a variety of connectors and interconnects that make it possible to transfer data, signal and power in an increasingly connected world.

Connect with your ITT Cannon representative today or visit ittcannon.com

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