



527-025

ARINC 600 Size 2 Backshell, EMI

- Cone-and-Ring Shield Termination
- Saddle Clamp Strain Relief
- For Shielded Cables



527-025

This EMI backshell fits ARINC 600 Size 2 connectors.

Cone-and-Ring shield termination backshell attaches to connector insert retainer plate threaded holes. Stainless steel hardware.

**TABLE 1
CONNECTOR CODE**

P	All Manufacturers (unless listed below) Due to non-standard connector modifications this backshell may require design alterations to fit properly. Consult factory to ensure a proper fit. <i>Remove and discard insert retainer plates</i>
P1	ITT Cannon BKAD****322 Plug <i>Remove and discard insert retainer plate</i>
P2	ITT Cannon/Radiall Environmental Plug <i>Attach backshell to insert retainer plate</i>
P3	ITT Cannon / Boeing BACC66 Plug <i>Remove and discard insert retainer plate</i>
P5	Radiall / Boeing BACC66 Plug <i>Remove and discard insert retainer plate</i>
P6	ITT Cannon BKAC & BKAE****322 Envir. Plug <i>Attach backshell to insert retainer plate</i>

**TABLE 2
ENTRY SIZE**

Entry Size	Cable Range		A Max	B Max
	Min	Max		
03	.157 (4.0)	.250 (6.4)	.760 (19.3)	.844 (21.4)
04	.187 (4.7)	.312 (7.9)	.760 (19.3)	.906 (23.0)
06	.281 (7.1)	.437 (11.1)	.760 (19.3)	1.093 (27.8)
08	.344 (8.7)	.562 (14.3)	.760 (19.3)	1.187 (30.1)
10	.375 (9.5)	.625 (15.9)	.760 (19.3)	1.281 (32.5)
12	.438 (11.1)	.750 (19.1)	.760 (19.3)	1.500 (38.1)
16	.562 (14.3)	.938 (23.8)	1.073 (27.3)	1.719 (43.7)

PART NUMBER

Sample PN →	527-025	M	P1	H06	J04	K06	D	S
Base P/N	527-025							
Finish	M Electroless Nickel MT Nickel-PTFE TZ Tin-Zinc NF Olive Drab Cadmium							
Connector Code	P P1 P2 P3 P5 P6 See Table 1							
Port 1	Location A B C D E F G H J K L See Drawing							
	Entry Size 03 04 06 08 10 12 16 See Table 2							
Port 2	Location A B C D E F G H J K L See Drawing							
	Entry Size 03 04 06 08 10 12 16 See Table 2							
Port 3	Location A B C D E F G H J K L See Drawing							
	Entry Size 03 04 06 08 10 12 16 See Table 2							
Termination Style	D Two Ground Rings in Saddle Clamps MT Three Ground Rings in Saddle Clamps							
Safety Wire Holes	Omit No Safety Wire Holes in Hex Nuts S Hex Nuts with Safety Wire Holes							

