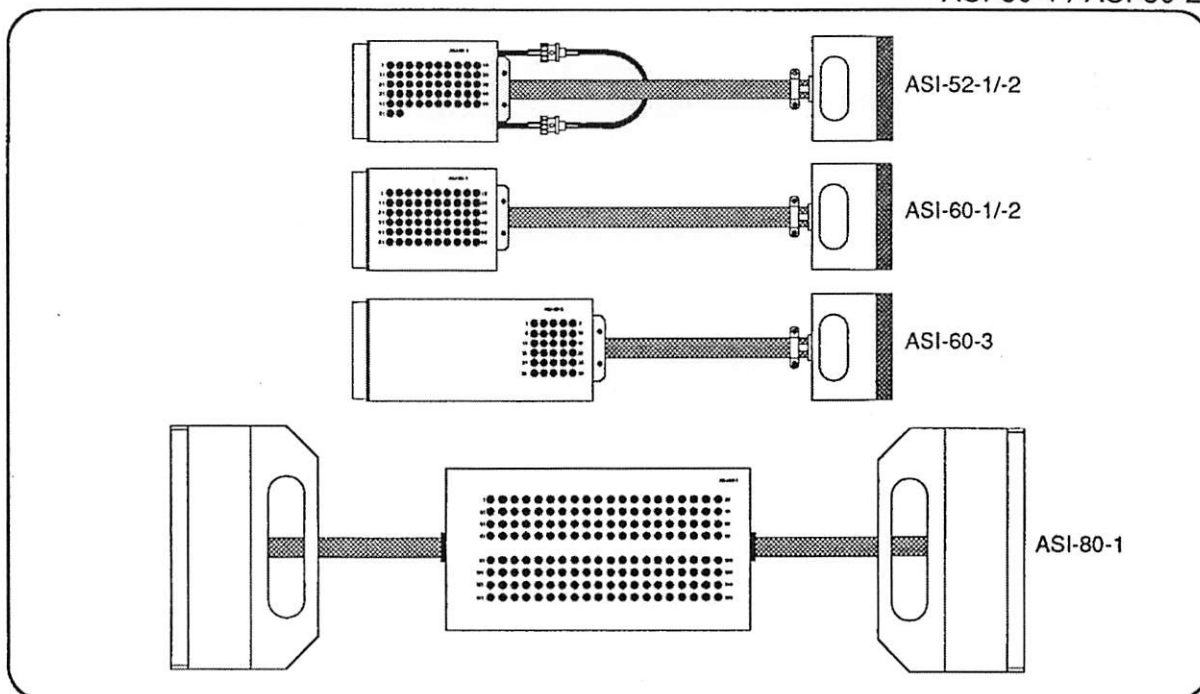


Universal ATR Breakout Extender Cables

ASI-52-1 / ASI-52-2 / ASI-52-3
ASI-60-1 / ASI-60-2 / ASI-60-3 / ASI-60-4
ASI-80-1 / ASI-80-2



The Universal ATR Breakout Extender Cables provide access to all of the pins on the rear connector of a Collins avionics unit (equipped with a Thinline connector). The LRU can be extended from its rack in the aircraft so that signal checks and monitoring can be performed on each individual wire via the test jacks mounted in the cable chassis. Consult the matrix at the right for ASI-52-1/2, ASI-60-1/2-3, and ASI-80-1 LRU compatibility.

The ASI-52-1/2 provide access to 52 signal pins (half height Thinline) as well as two RF connections. The cables are 4 feet long and configured in the following fashion:

- ASI-52-1: 52 pin breakout with left side mounted test jacks.
- ASI-52-2: 52 pin breakout with right side mounted test jacks.
- ASI-52-3: 52 pin extender cable (without test jacks).

The ASI-60-1/2/3 provide access to 60 rear connector signal pins (half height Thinline). The cables are 4 feet long and configured in the following fashion:

- ASI-60-1: 60 pin breakout with left side mounted test jacks.
- ASI-60-2: 60 pin breakout with right side mounted test jacks.
- ASI-60-3: 60 pin breakout with right and left side mounted test jacks (30 each side).
- ASI-60-4: 60 pin extender cable (without test jacks).

When combined together, the ASI-60-1/2/3 will functionally replace the Collins CTS-10.

The ASI-80-1/2 provide access to 80 rear connector signal pins (full height Thinline).

The cables are 6 feet long and configured in the following fashion:

- ASI-80-1: 80 pin breakout with chassis mounted test jacks.
- ASI-80-2: 80 pin extender cable (without test jacks).

Three ASI-80-1's used in unision will functionally replace the Collins CTS-9.

The extender cables (ASI-52-3, ASI-60-4, ASI-80-2) can be used in place of a breakout cable when LRU rear connector pin access is not required.

Direct (form, fit, and function) replacements for the Collins CTS-9 / CTS-10 are listed below.

Optional Equipment:

ASI MN	Equivalent MN	Equivalent PN	Description
ASI-CTS-9	CTS-9	622-6720-001	Universal ATR Breakout Box (Full-Height Thinline)
ASI-CTS-10	CTS-10	622-4561-001	Universal ATR Breakout Box (Half-Height Thinline)

LRU MATRIX	ASI-52-1	ASI-52-2	ASI-52-3	ASI-60-1	ASI-60-2	ASI-60-3	ASI-80-1
AAC-45		X	X				
ADC-40		X	X				
ADC-41		X	X				
ADC-42		X	X				
ADC-45		X	X				
ADC-46		X	X				
ADC-450		X	X	X			
ADF-46	X						
ADF-462	X						
AHC-45		X	X				
ALT-50A		X					
ALT-50B		X					
ALT-4000		X					
APA-40A		X	X				
APA-40C		X	X	X			
APA-40F		X	X				
APA-40G		X	X	X			
APA-40M		X	X	X			
APC-45		X	X	X			
APC-40		X	X	X			
BA-32		X					
BRG-40		X					
DME-40		X					
DME-42		X					
DME-442		X					
DPU-45							2 ea
DPU-45							2 ea
CAD-470G		X					
CWC-42		X	X	X			
FCC-45		X	X	X			2 ea
FCC-45		X	X	X			2 ea
FCC-45		X	X	X			
FCC-40		X	X	X			
FPA-40		X	X				
HPU-74		X	X	X			
MPU-45							3 ea
MPU-45							3 ea
PMC-320		X	X	X			
SCD-440		X	X				
TDR-40		X					
TDR-44/40		X	X				
VHF-22	X						
VHF-422	X						
VIR-30	X	X					
VIR-31	X	X	X				
VIR-32	X	X					
VIR-33	X	X					
VIR-432	X	X					
VIR-433	X	X					
151H-1		X					
590A-3HJK		X	X				
590A-2J1K1		X	X				
850F-2		X					
990P-1		X	X	X			