

October 1969

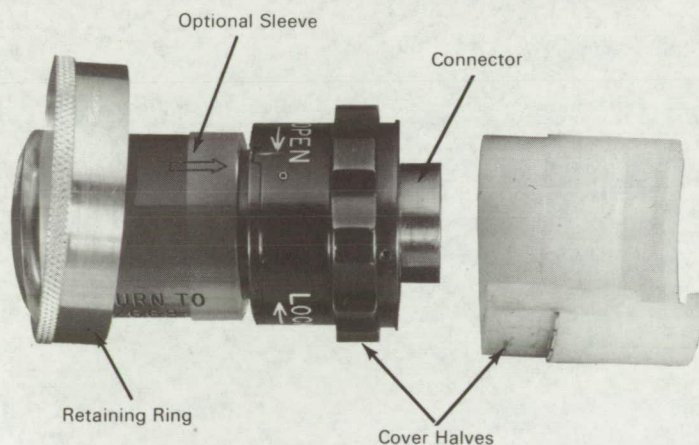
Brief 69-10526

# NASA TECH BRIEF

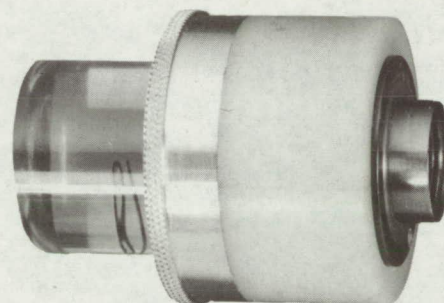


NASA Tech Briefs are issued to summarize specific innovations derived from the U.S. space program, to encourage their commercial application. Copies are available to the public at 15 cents each from the Clearinghouse for Federal Scientific and Technical Information, Springfield, Virginia 22151.

## Cover Protects Critical Electrical Connectors Against Damage During Handling



Cover Partially Disassembled  
from Connector



Complete Cover Assembly

This split-half cover is designed to protect critical, expensive cable connectors from damage during handling. The special connector shown in the photographs has a locking mechanism and anodized surface finish which are not adequately protected by the conventional dust cover. Use of the new split-half cover has eliminated the surface marring and dirt penetration problems previously encountered during handling and cable assembly.

To protect a connector, the two plastic halves of the protector are mated to the unit and a metal retaining ring is slipped over the assembly to lock the two halves in place. The transparent plastic sleeve shown in the photographs is an optional component which may be used for grommet and pin protection.

A dust cap which would also be required for the open cable end of the connector is not shown in the photographs.

### Note:

This Tech Brief is complete in itself. No additional documentation is available.

### Patent status:

No patent action is contemplated by NASA.

Source: A. Z. Campoy of  
North American Rockwell Corporation  
under contract to  
Manned Spacecraft Center  
(MSC-15662)

Category 01