

## HSB Fusion Splice Box



Optional rack panel and base

The new Gepco® Brand HSB Fusion Splice Box provides a field terminatable solution for the deployment of hybrid fiber cable in a compact chassis. Specifically designed for hybrid camera applications, the HSB features configurable cable ports and a custom fusion splice tray specifically designed for use with 9.2mm SMPTE hybrid cable, discrete electrical and fiber cables, or the HDC3R 3-channel hybrid cable.

Internally, the optical fibers terminate within the HSB's custom fusion splice tray—using the included splice heat shrink and cable management accessories—while the electrical elements terminate with quick-disconnect, 6-position, plastic AMP® connectors. For the external component breakout, the HSB series utilizes metal, twist-and-lock ST and 5-pin connectors for a secure and reliable exterior mating interface.

To permanently install the HSB splice box, an optional base kit can be added to mount the HSB splice box to a wall or floor, or it can be rack mounted with an optional rack panel. For up to eight channels for splicing, two HSBs can be mounted in a single 3RU rack panel.

### FEATURES & BENEFITS

- Custom Fusion Splice Tray for Hybrid Cables
- Internal Cable Management for Security and Streamlined Breakout
- Configurable Cable Ports for Strain Relief of Multiple Cable Formats
- Field Installable and Terminatable
- Can Be Spliced with Any Type of Fusion Splicer
- Twist-and-Lock, Metal-Body, External Connectors for Exceptional Durability
- Expandable up to Four Channels



Rugged, twist-and-lock, 5-pin electrical and ST fiber breakout

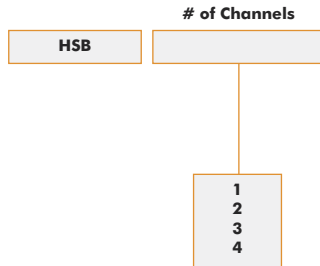


Configurable ports for multiple cable-type compatibility



Custom fusion splice tray with cable management

## Ordering & Product Specifications



### Mechanical Specifications

**Dimensions:** 11.5" L x 5.5" W x 2.5" H

#### Optical Connector Specifications:

ST Female (2 per Channel)  
-55dB Typical RL, 0.2dB Max IL Connector End  
Opposite End Blunt for Fusion Splicing

#### Electrical Breakout:

6-Position AMP® MATE-N-LOK® Connector (Internal)  
5-Position AMP® CPC (External)

#### Panel Cable Management Ports:

(1-4) Ports for Electrical/Hybrid Fiber Cable  
(1) Port for Fiber/3-Channel Hybrid Fiber Cable

#### Included Accessories:

Mating AMP® MATE-N-LOK® Connector(s)  
Fusion Splice Heat Shrink  
Gland Seal(s) for HDP221, HDC920 or HDC920R  
Gland Seal for 2- to 4-Channel Distribution Fiber  
Gland Seal for 6- to 12-Channel Distribution Fiber

### Optional Accessories

Part Number	Description	Compatibility Notes
GSKIT-HDP221P	Gland Seal Kit for HDP221P Plenum Electrical Cable	Kit for One Strain Relief
GSKIT-BKFBR-S	Gland Seal Kit for Breakout Fiber: 2-, 4- or 6-Channel Riser or Plenum, 8-Channel Plenum	Kit for One Strain Relief
GSKIT-BKFBR-L	Gland Seal Kit for Breakout Fiber: 8-Channel Riser, 12-Channel Riser or Plenum	Kit for One Strain Relief
GSKIT-HDC3R	Gland Seal Kit for HDC3R 3-Channel Hybrid Cable	Kit for One Strain Relief
HSB-EKIT	Expansion Splice Kit for 1 Hybrid Channel	For HSB Splice Boxes
HSB-BASE	Base Feet for Floor or Wall Mounting	For HSB Splice Boxes
HSB-RP1	2RU Panel for Rack Mounting One HSB Box	For HSB Splice Boxes
HSB-RP2	3RU Panel for Rack Mounting Two HSB Boxes	For HSB Splice Boxes
GHFBK-3-PB/STA	Plug Pigtail Breakout Cable with ST and AMP® 5-Pin	For HMP8 Panels and HSB Boxes
GHFBK-3-SB/STA	Socket Pigtail Breakout Cable with ST and AMP® 5-Pin	For HMP8 Panels and HSB Boxes

