CAT6-BB

Breakout Board
for CAT6 Cables

BENEFITS
- Low Cost
- Total Flexibility
- Easy set up
- Simple integration

The Tech Works CAT6-BB is a RJ-45 Cable Breakout Board designed to take our Tech Works CAT6 cables and make each conductor accessible by a screw terminal and/or assignable by jumpers. These units are designed for the systems integrator and are typically used with our Collaborative Intercom products to allow fast easy installation with custom music systems or telemedicine conferencing equipment.

These units are designed to be used with our CAT6 patch cables. All the installer needs to do is plug the cable into the CI-Buss or PA-Buss on a Tech Works CI-MSI-22, plug the other end into the Breakout Board, and cross connect the controls or audio as desired. An Opto-Isolator with screw terminals gives the installer access to the "Alert" signals as a contact closure.

Mounting is provided by screw tabs that stick out of each side of the unit. Optional DIN Rail mounting clips are available upon request.

Associated Equipment:

CAT6-*	Patch Cables
CI-MSI-22	Microphone Speaker Interface

Design Information
Power

Color	Gray Textured ABS Plastic
Connection	Latching RJ-45 Connectors Square Jaw Screw Terminals
Mounting	
Dimensions	3" W x 3.5" D x 1.5" H

Architects' and Engineers' Specifications
A Breakout Board must be provided for interface of the Collaborative Intercom to auxiliary equipment specified elsewhere. The Breakout Board must provide a dedicated screw terminal for access to each of CAT6 cable wires. A jumper must be provided for selective routing of each conductor of the CAT6 cable. An Opto-Isolator must be included with dedicated screw terminals for connection to Alert signals. Each screw terminal must include a square jaw clamp for wire termination and be adjustable with either a Phillips or a Blade screw driver.
The CAT6 Cable Breakout Board shall be Tech Works Model CAT6-BB.

Tech Works ®

"Making Specialized Communication Easy"