

Long Distance Connections for an Airport Concourse

The Challenge

Modern airports fill the spaces between the gates with food courts, kiosks and shops of every description. There are POS systems and interactive devices like ATMs everywhere you look. Considering the distances involved, the Ethernet backbone for long airport concourses is normally going to be fiber optic cable. But individual devices and pay management systems often connect via Cat5 copper cable. One of B&B customers needed a conversion solution for an airport in Indianapolis, Indiana.

The Solution

B&B Electronics provided the MiniMC, a compact and simple fiber to copper converter. The MiniMC is easy to use, with no DIP switches or any need for management. There is no NVRAM that might retain information during the transfer of sensitive data, and the compact media converter is so portable that it can be easily removed if a kiosk is going to be closed and unattended during nighttime hours.

Why B&B Electronics?

B&B Electronics provides easy answers to even the toughest networking questions. Whether the answer involves copper cable, fiber optics, wireless or cellular connections, or some mix of them all, B&B knows how it all fits together. We'll help you network just about anything, just about anywhere.

The Product

IE-MiniMc compact fiber to copper converter

Compact form factor

Terminal block DC power(non-Telco) with extended voltage range (7 VDC to 50 VDC)

-48 VDC terminal for Telco applications

Extended temperature range: -40° to +85° C

Available with a variety of fiber types and connectors, including single-strand fiber