



Product Focus: Building Access Terminal

Customisation to Achieve Network Design Goals

When a leading South American telecommunications provider needed “one box to do everything,” they came to Corning to help them solve their fibre deployment challenge. Their goal was a single housing that would serve a multitude of purposes in the buildings where they deployed fibre. Corning further customised the already flexible building access terminal (BAT) to meet all of their requirements.

First, they needed to terminate the outside plant cable and store overlength buffer tubes. Their goal was to split the incoming cable and allow for “parking spots” for 25 percent of the buffer tubes, which Corning achieved through the design and manufacture of a storage module. They also wanted the hardware to accommodate splicing both before and after the splitter was installed inside. Furthermore, it had to allow for splicing or strain-relief of at least three different cable types, as they were not yet sure which cable would be used. And in addition to all of that, this customised design needed to be available in various configurations from 8 to 72 ports.

Using the overall modularity of the BAT as a start, and with our deep understanding of fibre optics and manufacturing, Corning was able to customise the hardware, creating a design that met all of this South American service provider’s needs – well within their timeline for deployment.



For more information about the BAT, visit www.corning.com/emea/en/bat



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