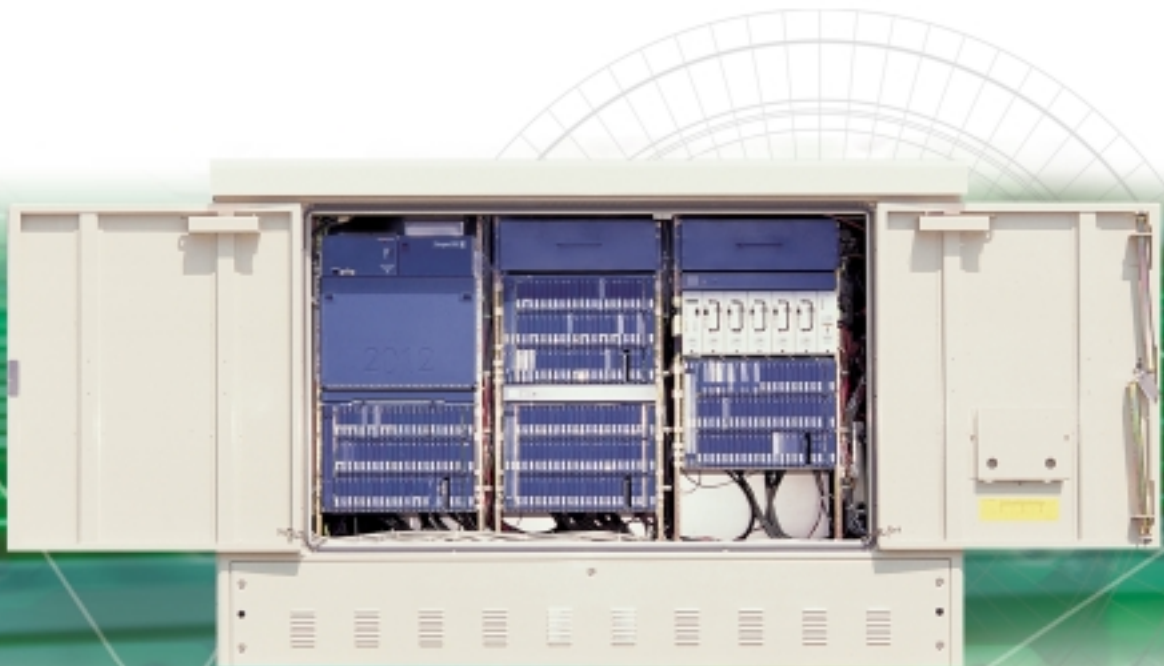# Alcatel Enclosure LSC-2016

Litespan Remote Terminal Outdoor Cabinet

The LSC-2016 provides innovative, state of the art technology to meet today's and tomorrow's demand for higher capacity, more dense equipment. The LSC-2016 meets or exceeds Telcordia's GR-487-CORE specifications, allowing it to be placed in all regions of the country and survive the most extreme weather conditions.

The LSC-2016 is a fully self-contained remote terminal (RT) cabinet which was designed to house nine Litespan channel bank assemblies (CBAs) or a combination of eight CBAs and one high-density fiber bank (HDFB). Using the existing CBAs and adding a power distribution fan assembly (PDFA), the LSC-2016 is designed to handle six CBAs with traditional
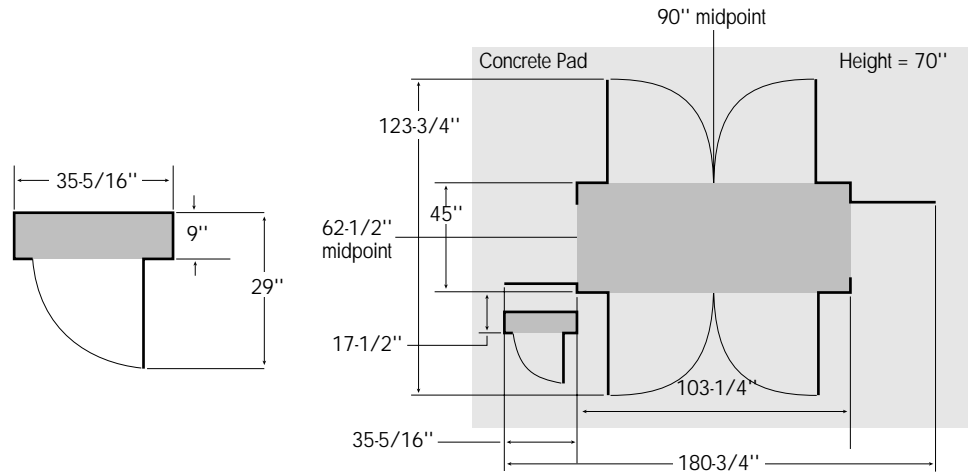
Litespan services and three CBAs equipped with ADSL services.

The LSC-2016 is completely assembled at Alcatel's factory. Once it is onsite and bolted to a mounting pad, the only assembly required consists of connecting local AC power (208/240, single phase), connecting the drop facilities to the cables provided from the protector blocks (710 or MS2), connecting the fiber cables, and installing the batteries. The fiber panel and batteries could be provided as optional items by Alcatel, or the customer can choose to supply his own.

This cabinet is prewired at the factory for DC bulk power distribution, environmental alarms, temperature control, protector blocks for lightning protection, up to six strings of batteries, and optional battery heater pads. Ringing power is provided by the ring generator units (RGU), which are ordered separately and installed in the Litespan CBA.

Optional items that may be shipped in the LSC-2016 include protector modules (gas or solid state), fiber splice panels (SC or FC connector), remote measuring unit, or T1 cross-connection panel. Other options include batteries to supply eight hours of back-up, and emergency AC transfer switch and generator connector (100A commercial/60A emergency).

▼ Right of Way Dimensions for Power Pedestal and Cabinet

Specifications	
Height	70" (plus 3" for lifting detail)
Width	103.25" (plus 5" for roof overhang)
Depth	50"
Cabinet shipping weight	Approx. 2450 lbs. (Does not include plug-in modules or batteries.)

Features

▼ Fully self-contained RT

▼ Supports six CBAs with "standard" Litespan services and three CBAs equipped with ADSL services

▼ Survives extreme weather conditions

www.alcatel.com

ALCATEL

ARCHITECTS OF AN INTERNET WORLD