

Reference case

ALCATEL TND (Transmission Network Division)

Cabinets Manufactured for Radio and Optics Applications

The Alcatel TND Case

The previous packaging choices were as follows:

1. Completed cabinets were packed into wooden boxes for export deliveries
2. Packaging for empty cabinets consisted of corrugated boxes
3. For integrated cabinets being delivered from Italy and France to the rest of Europe and overseas, the packaging was a mixture of corrugated and wooden boxes.

The Nefab Solution

With the Alcatel/Nefab global contract for implementing "Complete Packaging Solutions" already in place, Nefab was the natural choice for Alcatel TND to provide the most economical and viable solution. Nefab Italy has already implemented the same solution by designing packaging that directly integrates the circuit boards in the cabinet, resulting in safe delivery. Official Alcatel laboratory tests have confirmed these results. Alcatel has also implemented this successful solution for its French manufactured products. A project team was formed consisting of Logistical representatives from Alcatel and Technical Engineers from Nefab. An Alcatel TND packer was also included. The solution was the implementation of a NEFAB ExPak H box with a plywood lightweight pallet, ESD foil and foam dunnage. Due its success, Alcatel Submarine Network is about to use the same CPS solution for their racks.

Benefits for Alcatel TND

This solution provides more than a 30% saving for the global logistics cost for cabinets. Other advantages are:

- Customisation and optimisation in product usage
- Labour savings - time gained in the packaging process



CPS solution : ESD foil, foam dunnages
Box : NEFAB ExPak H + 2 1/2 perimeters and lightweight pallet