WCFO
Make IT wonderful
Your Most Reliable Manufacturing Partner

WCFO Integrated Cabinet Capability Introduction
-- Telecommunication Application
WCFO Manufacturing Capability

Head Quarter

Sheet Metal Facility
Main Products: Metal cabinets/enclosure/Racks/Patch Panels

New Facility
Main Products: Fiber connectivity products

Fiber Components & Assembly Facility
Main Products: Fiber connectivity products

Plastic Mold & Injection Facility
Main Products: Plastic parts
Integrated Capability

- Metal Infrastructure (Cabinet, Racks, Enclosure)
- Plastic Accessories (Fiber Storage/Splice Tray, Cable Managements)
- Fiber Connectivity (Patchcords, PLC Splitters, WDM, Pre-terminate)
- Assembly Work
WCFO Advantage

• 20+ years experienced R&D team on Fiber optic, sheet metal, plastic product;
• Available to design and produce the customized components, total solutions;
• All of the components are made in owned facilities, which is the benefit for quality control, cost saving, optimized lead time;
• More than 15 years oversea export experience on cabinets/patch panels/cable assemblies, our team understand the international standard well and guarantee the quality;
• Focus on ‘Turnkey’ mode, which can reduce the cost of supply chain management for our customers.
Sheet Metal Product Factory

- Employee: ~250
- Factory Area: 8,300m²
- Main Equipments:
  - 1x Laser Cutting machine
  - 1x Laser/Punch combination machine
  - 3x CNC AMADA Japan Punch machine
  - 7x CNC AMADA Bending machine
  - 20x Pressing machines
  - 1x Automatic pre-treatment line
  - 1x Automatic painting Spraying line
Products - Metal Cabinets

- Cabinet for Telecom
- ATM Cabinet/Mask
- Power Supply Cabinet
Integrated Capability—Pre-terminated cable assembly

**Capacity**

- 12-1728F cable terminated with variation connectors (LC, SC, MTP)
- Indoor / Outdoor cable available
- Armored / Dielectric cable
- Design different fanout solution for various cable types
- Meet -40~ +75 °C per GR-2866-CORE
- 2000pcs 144F cable assembly/month, and could ramp up quickly based on customer orders.
Integrated Capability—Pre-terminated cable assembly

Outdoor Cable Assembly

Indoor Cable Assembly
Pre-terminated Cable

QA Capacity

- Doing Environmental Test per GR-2866-CORE/GR-326-CORE
  Insertion loss change $\leq 0.5 \text{dB} \ @ \ -40 \sim 75 \ ^\circ \text{C}$
- Temperature Ramp. 2 °C~15 °C per minutes
Integrated Capability—Assembled Work

Assembly Work

Capacity

• Skilled operators to make sure the well-organized fiber routing and no fiber broken
• Inspect and clean the endface of the connector after assembly
• 500~1000pcs 864/432F full loaded cabinets monthly, and could ramp up quickly base on customer orders.
Integrated Capability—Assembled Work

Examples of the assembly work