

OmniReach™ FTTX Solutions

Outdoor Fiber Distribution Terminal 48 (oFDT-48)



The ADC Outdoor Fiber Distribution Terminal 48F (oFDT-48) is designed to terminate, splice and interconnect fiber optic cables in an outdoor environment. This terminal may be adapted to Fiber-to-The-Premise (FTTP) Multiple Dwelling Unit (MDU) applications by mounting the enclosure to the exterior surface of a dwelling and connecting between the distribution cable and drops routed to individual living units. The oFDT-48 is typically divided into two side-by-side sections with distribution cable routed into one side and drop cable routed into the other side. The cables meet at a central connector field that includes termination for the distribution cable and parking for the drop cables. Each side of the cabinet may be configured with splice trays for splicing the cable to connector pigtails. The oFDT-48 may be pre-terminated on the distribution side with outside plant cable stubs so that the unit is quickly connected to the plant. The oFDT-48 may be pre-wired with pigtails on the drop side so that individual drops routed into the unit can be spliced to the connectorized pigtails.

The unit accommodates a variety of OSP cable types via sealed grommet entry. Cables are secured with standard grip clamps to provide required pull out strength. The enclosure provides grounding for metallic members and for the cabinet.

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Features and Benefits

- Environmental enclosure provides heavy-duty protection from wind, rain, and other contaminants
- Aluminum welded construction provides strength and resists corrosion
- Flexible design accommodates 24 and 48 fibers including termination and parking
- Lightweight structure provides for easy installation
- Lockable tool or padlock offers flexible security options
- Cable entrance ports seal cable at entry
- Cable management and routing limits radius and adds strain relief

Sizes

The oFDT-48 product accommodates up to 48 living units. Distribution cable fibers are terminated on standard SC/APC adapters that are easily accessible for service connection and maintenance. Drop pigtailed are initially terminated on parking adapters adjacent to the distribution termination adapters and staged at the parking positions until the living units request service. Moving the drop pigtailed from the parking position to the assigned distribution fiber easily makes service connections.

Mounting Applications

All units are configurable for a variety of mounting arrangements including wall, pole and pedestal mounting. Each unit is provided nominally with a wall mount bracket. Optional pole-mount brackets and pedestals may be ordered separately.

Special Features

These heavy gauge aluminum enclosures provide the necessary protection against rain, wind, dust, rodents and other environmental contaminants while remaining lightweight for easy installation. The aluminum construction with heavy powder coat finish also provides for corrosion resistance.





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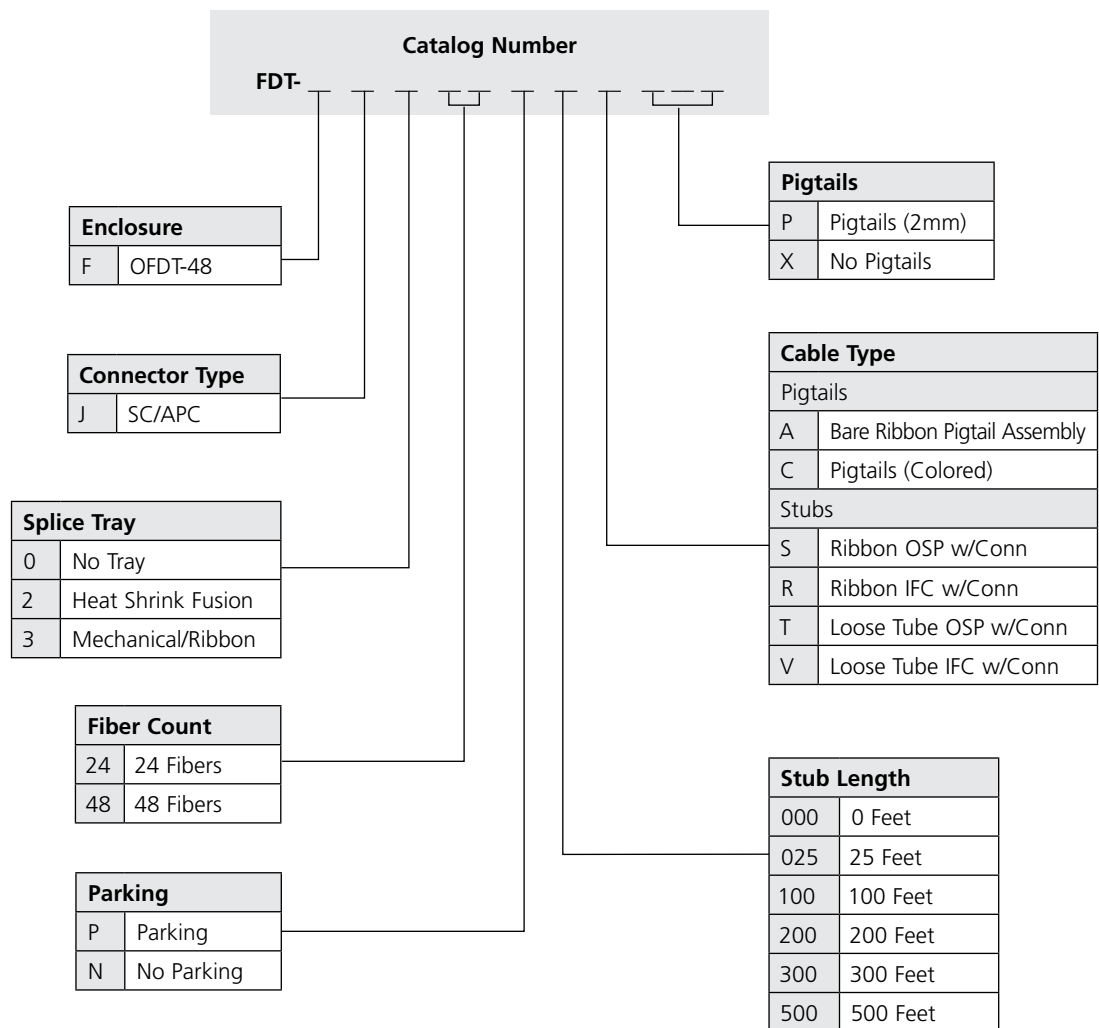
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Specifications

	oFDT-48
Height	22.0 in (56 cm)
Width	20.0 in (51 cm)
Depth	10.0 in (25 cm)
Weight (Empty)	21.0 lbs (46 kg)
Fiber Terminations	Up to 48
Parking Adapters	12, 24 or 48
Splice Trays	1 to 4/side
Cable Ports	2 on bottom
Color	Beige

Ordering Information

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