



Setting the Standards

IP68 Outdoor Distribution Box



Description	The OXIN Fiber Optic Distribution Terminal Box is widely used as a termination point for the feeder cable to connect with the drop cable in the FTTx communication network system, the fiber splitting, distribution can be done in this box, and meanwhile it provides solid protection and management for the FTTx network building.	
Features and Benefits	<ol style="list-style-type: none"> 1. Industry Standard User Interface, be made of high impact plastic 2. Wet-proof, water-proof, dust-proof, anti-aging, protection level up to IP65 3. Cable, pigtails, patch cords are running through their own path without disturbing each other, cassette type SC / LC / PLC adapter installation, easy maintenance 4. Distribution panel can be flipped up, feedercable can go through a mid-span access way, easy for maintenance and installation 5. Anti-UV, Ultra violet resistant and rainfall resistant 6. Function: Cable terminal 7. Splitter installation position: Splitter fixing bracket 8. Wall and pole mounting 	
Applications	<ul style="list-style-type: none"> • Widely used in FTTH access network Cross-connect & Interconnect & Entrance Rooms Basements • Premises Locations & LANs Campuses & In-building & FTTH Deployments 	
Certification and Compliance	TIA-569-B	Commercial Building Standard for Telecommunications Pathways and Spaces
	CEA/EIA-310-E	Cabinets, Racks, Panels and Associated Equipment standard
	ANSI/TIA/EIA-606-A	Administration Standard for Telecommunications Infrastructure
	GR-449-CORE	Generic Requirements and Design Consideration for Fiber Distributing Frames
	UL 94	Tests for Flammability of Plastic Material for Parts in Devices and Appliances
	RoHS	Directive on Restriction of Hazardous Substances

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Ordering Information	Description	Part Number
	Outdoor Fiber Optic Distribution Terminal Box	OXIN-5510
Packaging	Description	
	Cardboard box, 1 unit per box	
Inclusion	Description	
	3 self-adhesive port ID labels, 2 warning labels, 4 self-adhesive cable management brackets, 8 Velcro 6-inch tie wraps, 6 nylon 4-inch tie wraps, 4 Philips screws 12-0.5/24-inch long, 4 Philips screws 10-0/32.5-inch long, 1 Philips screw M4-6 mm, 1 washer 9 mm for Philips screw M4 ,4 oval Philips screws M6-16 mm with plastic and metal washers, 4 cage nuts square style for M6 Philips screws	
Physical Characteristics	Parameter	Value
	Fiber count capacity	48 fibers maximum
	Plastic materials	UL 94V-0 thermoplastic
	Panel material	UL 94V-0 thermoplastic
	Panel finish	Black Sandex
Dimensions	330 mm x 260 mm x 110 mm	
Mechanical Characteristics	Parameter	Value
	Installation temperature	-25 ~ 40°C
	Storage temperature	-25 ~ 55°C
Relative humidity	≤ %85	



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OXIN-5510 Data Sheet
VER 2.2EN 2017-08-09