



**Setting the Standards**

## Fiber Optic Dome Closure



<b>Description</b>	<p>This type of Oxin Fiber Optic Splice Closure (6530) is a member in dome series of optical fiber cable splice closures. This model has four small circular cable entry ports plus one big circular port for express (looped) cable. The sealing component is made from silicon. The cables and the closure are sealed in a mechanical way with the help of compacting pressure from the plastic screws (nuts) and the circular plastic hoop. This model is suitable for different methods of branch connection, including branching and splicing of uncut cables. It could be used for aerial, pole-mounting, wall-mounting and underground applications. This model is excellent in sealing performance, easy for installation, wide applications and is prior choice of fiber connection equipment.</p>													
<b>Features and Benefits</b>	<ol style="list-style-type: none"> <li>1. The design receives creatively practical patents and keep the box under sustainable seal performance in regular operations.</li> <li>2. The port of discontinuous cable adopts spinning mechanical seal, and the port of uncut cable adopts direct pressure mechanical seal.</li> <li>3. It applies to the seal demand of <math>\Phi 17.5\sim 10</math> cable.</li> <li>4. Multiple seal accessories of soft cable are applicable.</li> </ol>													
<b>Applications</b>	<ul style="list-style-type: none"> <li>• Manhole, Wall Mount, Aerial, Pole Mount</li> </ul>													
<b>Certification and Compliance</b>	<table border="1"> <tr> <td>TIA-569-B</td> <td>Commercial Building Standard for Telecommunications Pathways and Spaces</td> </tr> <tr> <td>CEA/EIA-310-E</td> <td>Cabinets, Racks, Panels and Associated Equipment standard</td> </tr> <tr> <td>ANSI/TIA/EIA-606-A</td> <td>Administration Standard for Telecommunications Infrastructure</td> </tr> <tr> <td>GR-449-CORE</td> <td>Generic Requirements and Design Consideration for Fiber Distributing Frames</td> </tr> <tr> <td>UL 94</td> <td>Tests for Flammability of Plastic Material for Parts in Devices and Appliances</td> </tr> <tr> <td>RoHS</td> <td>Directive on Restriction of Hazardous Substances</td> </tr> </table>	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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# Fiber Optic Dome Closure



Ordering Information	Description	Part Number
	Fiber Optic Dome Closure	OXIN-6530
Packaging	Description	
	Cardboard box, 1 unit per box	
Standard Accessories	Description	
	Box base 1set, #20 sealing 4pcs, #20 washer 8pcs, M31 nut 4pcs	
Physical Characteristics	Parameter	Value
	Box Material	Modified polymer plastic
	Seal Material	Vulcanized silicone rubber
	Suitable Dia of cable	express cable $\Phi 10 \sim \Phi 17$ mm pinhole $\Phi 5 \sim \Phi 7$ mm
	Entrances	5
	Fibers/Tray	24
	Capacity	24 ~ 144 core
	Dimensions	450 mm x $\Phi$ 230 mm
Weight	3.8 ~ 4.3 Kg	
Mechanical Characteristics	Parameter	Value
	Installation temperature	-40 ~ 55°C
	Storage temperature	-5 ~ 45°C
	Relative humidity	$\leq 75\%$



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