144 Fiber Distribution Hub
Highly Flexible Fiber Distribution Pedestal Specifically Designed for FTTx Splitter Applications

Features

Fiber Distribution:
• Serves up to 144 homes
• Pre-connectorized cable installed for rapid deployment
• Unique design minimizes fiber routing congestion

Integrated Cross-Connect System:
• Optional patch panels enable easy provisioning to up to 4 businesses requiring dedicated connections

DirectConnect 1x32 Splitters:
• Small size and flexible design enables high-density, low-loss solution
• Scalable usage with Splitter to SC fanouts

Benefits

Intuitive design provides for easier and faster splitter deployment:
• DirectConnect splitter design allows incremental usage of splitters to reduce congestion inside the pedestal

Environmentally friendly pedestal size:
• Small footprint and size minimizes visual impact relative to competing solutions

Excellent optical performance:
• Best-in class LCA / SCA connectors with low loss
• Uses thermally stable PLC splitters from Furukawa Electric

Available with more options:
• Base, Vault or Pole mounting – all easy to handle, place and use
• Choose the cable
• Choose the connector
• Over provisioned feeder can be added

Easier Splitter Upgrade:
• Splitter module with connector interface allows for potential splitter/optical path upgrades with minimal effort and/or disruption.
144 Fiber Distribution Hub

Product Description

Designed to serve up to 144 homes in existing neighborhoods or "overbuild" situations, this flexible FTTx network Fiber Distribution Hub (FDH) combines simplified direct connect splitter fiber routing management with OFS' DirectConnect splitter's excellent optical performance and reliability.

The 144 FDH employs either SC or LC / APC connectors on the splitter leads, and uses OFS' bend-optimized AllWave® FLEX Zero Water Peak (ZWP) Fiber to help minimize bending losses.

The rugged and unique design supports PON and limited numbers of Point-to-point Customers.

Pedestal Attributes:

Physical Specifications:
- Pedestal: 44" H x 1 5.1" W x 15.1" D

Physical Makeup:
- Dome construction for enhanced security and better environmental protection
- Front and back access after the dome removal. The CO side additionally protected with a locked door
- Split base for ease of installation over conduit fed cable bundles
- Provides flexible fiber cable management
- Unobtrusive and abuse resistant design provides an attractive profile for rural and residential deployments
- Powder coated aluminum and heavy gauge PVC plastic construction for better environmental protection, reduced weight and esthetic appearance
- Design to meet GR-13 CORE test requirements
- Pole, pad and trench mount versions available

144 FDH Ordering Information

Example: FDH144-SCA-02-PL-12YT-02-02-100-F

Part Number: FDH144-aaa-bb-cc-dddd-ee-ff-nnn-g

<table>
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<tr>
<th>aaa</th>
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<th>cc</th>
<th>Mounting Type</th>
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<td>SC Angled</td>
<td>PL</td>
<td>Pole Mount</td>
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<td>144</td>
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<tr>
<td>LCA</td>
<td>LC Angled (available upon request)</td>
<td>01</td>
<td>Extended Base (Trench)</td>
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<th>dddd</th>
<th>Cable Type</th>
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<td>12YT</td>
<td>Loose Tube Dielectric</td>
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<td>H2YT</td>
<td>Loose Tube Metallic</td>
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<td>03</td>
<td>Single 24 Fiber Upjacketed Cable</td>
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<tr>
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Accessories: 300563715 – 1x32 Direct Connect Splitter

For additional information please contact your sales representative.
You can also visit our website at www.ofsoptics.com or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.