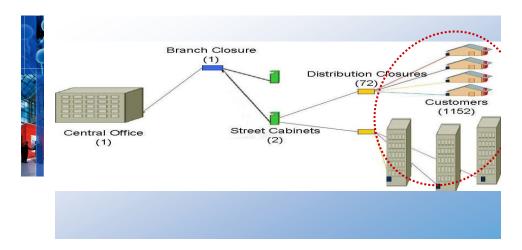


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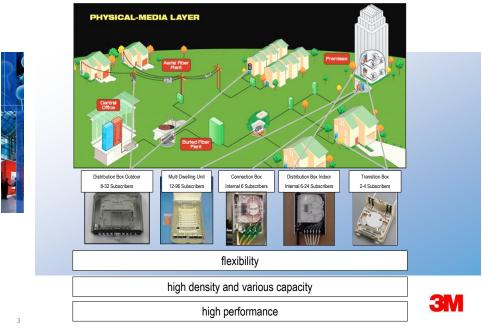
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Solutions for Customer Premise



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Fiber Optic Distribution Boxes



Wall Boxes (termination/distribution) OUTDOOR



3M

MDUO box for 12 subscribers with pre-wiring option

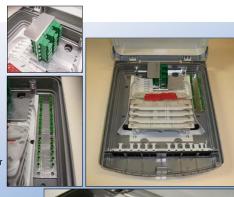
Multi Dwelling Unit Optical Box

Features:

- Box & Plastic Organizer
- Dim: L:400 ; W:255 ; T:86
- IP55 / IK06
- 8+2 anchorage: 2 for cables up to 20mm, 8 for cables up to 12mm (16 drops for 3 to 5mm cables, 8 > 5mm)
- Organizer 7 slots
- Trays 5 or 10 mm from BPEO Evol
- Connection for 12 connectors SC, 24 pigtails in buffer

4 versions of pre-wiring:

- Empty
- Prewired P2P: 100 % pigtails & connectors for the riser and 50 % pigtails on the operator side
 - 12 pigtails for the riser & 12 on the operator side
 12 pigtails for the riser & 6 on the operator side
- Prewired PON: 100 % pigtails & connector for the riser and tray for splitter on the operator side
- Prewired PON: 100 % pigtails & connector for the riser and pre-connectorized splitter on the operator side





MDUO box for 24 subscribers with prewiring option

Multi Dwelling Unit Optical Box

Features:

- Box & Plastic Organizer
- Dim: L:400 ; W:255 ; T:116
- 8+2 anchorage: 2 for cables up to 20mm, 8 for cables up to 12mm (16 drops for 3 to 5mm cables, 8 > 5mm)
- Organizer 7 slots
- Trays 5 or 10 mm from BPEO Evol

4 versions of pre-wiring:

- Prewired P2P: 100 % pigtails & connectors for the riser and 50 % pigtails on the operator side

 - 12 pigtails for the riser & 12 on the operator side 12 pigtails for the riser & 6 on the operator side 24 pigtails for the riser & 24 on the operator side
- Prewired PON: 100 % pigtails & connector for the riser and tray for splitter on the operator side
- Prewired PON: 100 % pigtails & connector for the riser and pre-connectorized splitter on the operator side





MDUO boxes for 12-24-40 subscribers with pre-wiring option

Multi Dwelling Unit Optical Box











 There are 3 sizes with different capacities for direct splicing or patching with the option of PLC splitter usage



Wall Boxes (termination/distribution) OUTDOOR/INDOOR

FTB-M Optional: Splice Tray!



- •Outdoor/indoor distribution box
- •IP54 protection level
- Compatible to Blown Fiber applications
- •Up to 4 fibers terminated with NPC or Fibrlok





Wall Boxes (termination/distribution) OUTDOOR/INDOOR



- Transition Box
- 25mm bend radius
- 4 Fibrlok splicing slots

BTI









Wall Boxes (termination/distribution) INDOOR - RISER

PBPO/C (PBO 6-12)

- Floor Box
- Up to 48 splices*
- Up to 12 SC/E2000 connectors
- Indoor, wall-mount only









Wall Boxes (termination/distribution)

INDOOR/RESIDENTIAL

8686 FTTH WALL OUTLET

- Terminates indoor cable in the customer premise to a point ready for connection to an Optical Network Unit
- Up to 4 field mount connectors or 4 splices with SC connector pigtail

Features	Descriptions
Dimensions 86x86x30 mm	Small enough to fit into existing copper service distribution boxes
Multiple ports entry and termination capacity	Flexible and versatile. 6 cable entry ports and 8 back ports Up to 4 ports for SC coupling 5 drop terminations for customer premises Keystone RJ45 Jack
Multiple mounting capability	Wall mount (screw) Cabinet mount (double sided adhesive tape)
Integrated cable management	Can accommodate 2.5mm, 9mm and 2mm/4mm/5mm flat indoor fiber cables
Label Holder	Easy identification





DIM. (mm) 86x86x33



Termination Box: 8686 FTTH Wall Outlet

Features :

- 2 mechanical splices "Fibrlok"
- accommodate 2 "NPC" connectors terminated on a two fiber cables .
- Can integrate 1 keystone jack (RJ45)

Advantages - Benefits :

- Cost competitive
- Symmetric according to cable entry
- Compact size

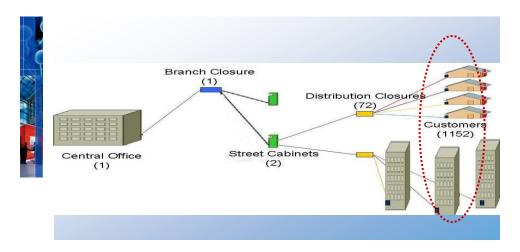






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Customer Premise Solutions & Connectivity





3M Products With Mechanical Splice



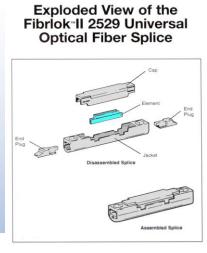
- Fibrlok™ II 250/900um Splice
- Fibrlok™ 250um Splice
- Fibrlok™ II Splice Holder
- Fibrlok™ II Splice Holder w/ Pigtail
- Fibrlok™ Angle Splice
- NPC SC PC and SC APC
- NPC LC PC and LC APC

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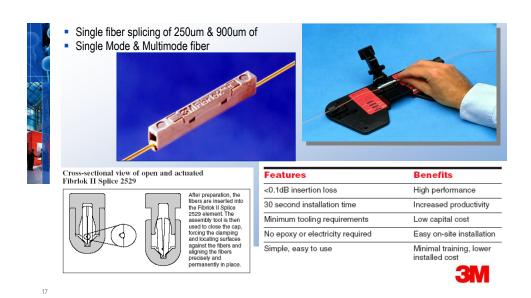
Fibrlok™ II Universal Splice 2529 in detail



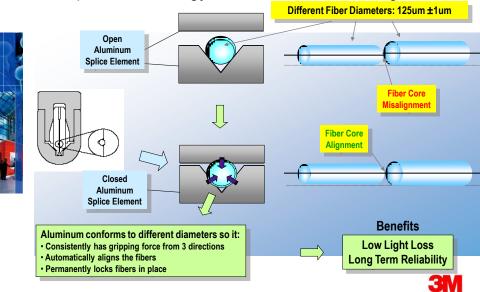




Fibrlok™ II Universal Splice 2529



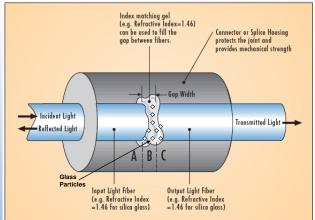
3M Splice Technology Ensures Fiber Core Alignment



Fibrlok™/ NPC - Gel Performance



- Gel consists of silicone with glass particles
- Gel index-of-refraction closely matches glass index-of-refraction at room temperature



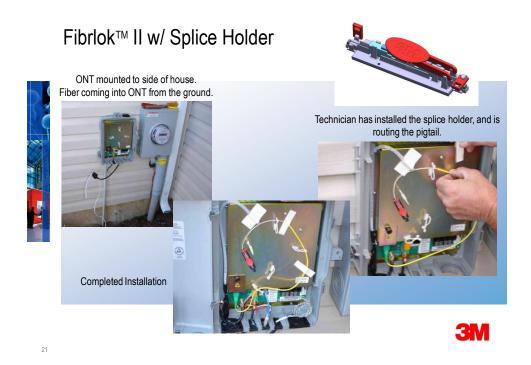


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Fibrlok™ 250um 2540G

Over 2 Million Deployed In Japan FTTH Market



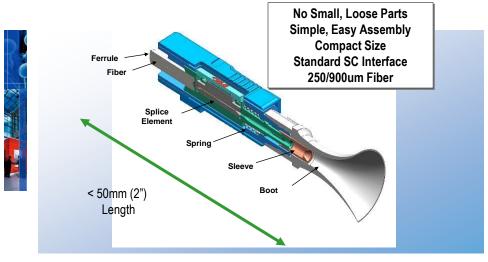


Fibrlok™ Angled Splice Tooling



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Non Polish Connector

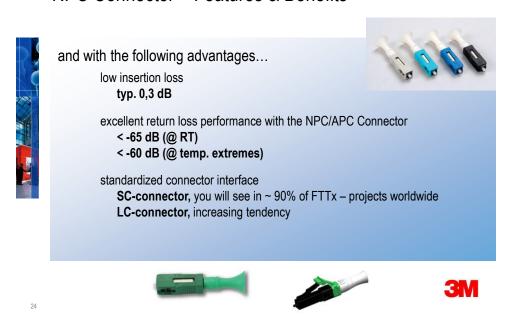


Fully Pre-Assembled

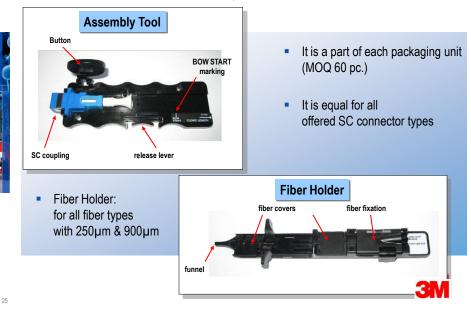
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NPC Connector - Features & Benefits

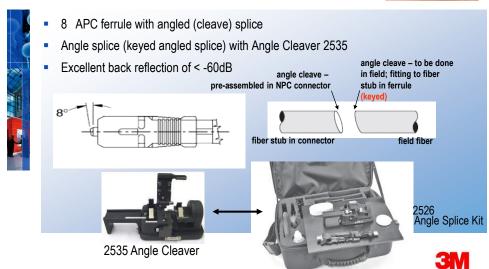


NPC Connector – Assembly Tool

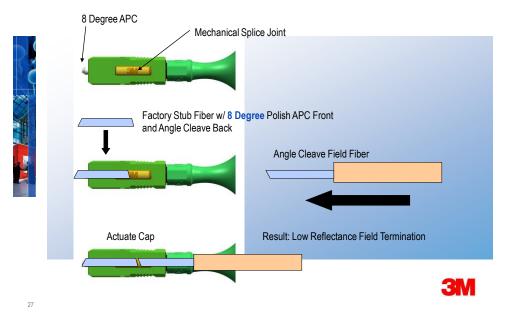


SC APC NPC Connector





SC APC NPC/AS Connector - Field Termination



NPC Connectors with SC Interface

