

Communication Markets Division

3M™ Low-profile Wall Plate and 3M™ Shuttered SC Patch Cords

3M™ Low-profile Wall Plate and 3M™ Shuttered SC Patch Cords system is designed for intuitive installation from fiber wall plate to Optical Network Terminal (ONT) in FTTH deployment use. The low profile and aesthetic nature of the 3M Low-profile Wall Plate makes it an ideal, clean look for virtually any wall surface placement inside of an apartment or a single family home.

3M Shuttered SC Patch Cords are carefully designed to provide an intuitive visual (red) indicator for proper connection to the 3M Low-profile Wall Plate with shuttered adapter. As the patch cord is plugged into the wall plate the red color indicator disappears from view indicating a full connection when the red is no longer visible while plugged in. In addition, the 3M Shuttered SC Patch Cords SC/APC connector design helps provide protection from incidental contact and contamination of ferrule end face with a shuttered interface. Both the 3M Low-profile Wall Plate and the 3M Shuttered SC Patch Cords are compatible with standard SC/APC adapters and patch cords.



3M™ Low-profile Wall Plate with 3M™ Shuttered SC Patch Cord

3M™ Low-profile Wall Plate with Shuttered Adapter

Features	Benefits
Low profile for indoor use	Clean look that is less visible and aesthetically pleasing inside living unit
Wall surface mountable or attachable to standard electrical style gang box	Can be positioned virtually anywhere on a flat wall or over existing in-wall electrical style gang box
Accepts shuttered or standard SC/APC coupling	Flexible and backward compatible to defined shuttered system or standard SC/APC couplings



Connecting 900 µm fiber pathway inside 3M™ Low-profile Wall Plate



Placing cover over 3M™ Low-profile Wall Plate



Finished installation of 3M™ Low-profile Wall Plate

3M™ Low-profile Wall Plate Specifications

Dimensions	4.875" x 3.125" (124 mm x 79.4 mm)
Flammability	UL listed (UL 5C)
Standards	Meets mechanical and environmental requirements of GR-3126 sections 4 and 5 – indoor use.
Fiber Management	Storage of G.657 B3 900 µm fiber up to 6 feet (2-3 feet slack storage recommended)
Adapter Types	Provided with SC Shuttered Adapter Compatible with Standard SC Adapter (Meeting TIA 604 - FOCIS)
Mounting	Wall Surface-mount Standard Electrical Single Gang Outlet Box

3M™ Shuttered SC Patch Cords

Features	Benefits
Single motion automatic shutter system	Helps provide protection from incidental contact and contamination of ferrule end face
Bend resistant optical patch cord	Allows for smaller radius slack storage to reduce visual impact
Visual insertion indicator	Red connector housing mark disappears when fully engaged into adapter



3M™ Shuttered SC Patch Cord

3M™ Shuttered SC Patch Cord Specifications	
Application	Indoor use
Optical Performance (Tested at 1310, 1490, 1550, 1625 nm wavelengths)	Insertion loss (room temp): <0.3 dB Reflectance max (room temp): <-65 dB
Fiber Type	Singlemode (ultra bend insensitive ITU-T G657.B3)
Fiber Count	One fiber with 3 mm jacketed cable
Installed Cable Bend Radius	30 mm without tension 60 mm with max tension of 24.7 lbf.
Jacket Color	Bright white
Operating Temperature Range	14° to 140° F (-10° to +60° C)
SC Connector Intermateability Standard	Meets FOCIS-3 SC Connector Intermateability per TIA 604-3-B
Flammability	Connector: UL 94V-0 Cable: UL OFNR-FT4-ST1



3M™ Shuttered SC Patch Cord end

3M™ Low-profile Wall Plate and 3M™ Shuttered SC Patch Cords Ordering Information

Product Number	Description	3M ID	Min. Order
CLR-WPT-01-SCASH-WH	Low-profile Wall Plate with SC/APC Shuttered Adapter	80-6114-8874-5	60/Box
CLR-PCD-SCASH-1M	1.0 Meter SC/APC to SC/APC Shuttered Patch Cords with 3.0 mm Jacketed Tight Buffered Fiber	80-6114-8868-7	60/Box
CLR-PCD-SCASH-2M	2.0 Meter SC/APC to SC/APC Shuttered Patch Cords with 3.0 mm Jacketed Tight Buffered Fiber	80-6114-8869-5	60/Box
CLR-PCD-SCASH-3M	3.0 Meter SC/APC to SC/APC Shuttered Patch Cords with 3.0 mm Jacketed Tight Buffered Fiber	80-6114-8870-3	60/Box
CLR-PCD-SCASH-4.5M	4.5 Meter SC/APC to SC/APC Shuttered Patch Cords with 3.0 mm Jacketed Tight Buffered Fiber	80-6114-8894-3	60/Box

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Communication Markets Division

6801 River Place Blvd.
Austin, TX 78726-9000 USA

Phone 1-800-426-8688
Fax 1-800-626-0329
Web 3M.com/Telecom

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