

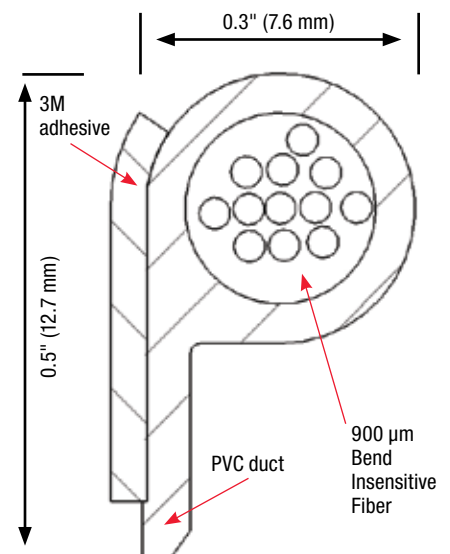
3M™ One Pass Fiber Pathway

- 3M™ One Pass Fiber Pathway is a horizontal cable pathway and drop cable solution installed simultaneously in one pass around a hallway perimeter
- Designed for use in brownfield Multi Dwelling Units (MDUs) serviced by FTTH networks
- Also suitable for hotels, hospitals, schools and small businesses
- Utilizes 3M adhesive technology to adhere duct to wall
- Compatible with a variety of wall surfaces
- Available in a variety of lengths and pre-loaded with 6 or 12 fibers
- Factory terminated at one end with SC connectors (optional)
- Suitable for indoor use only

Feature	Benefit
3M One Pass Fiber Pathway is low profile and less obtrusive than most existing horizontal cable pathway solutions	Respects building aesthetics, facilitates approval of horizontal drop cable installation with building owners and tenants
3M™ One Pass Fiber Pathway Duct is flexible in design	Conforms well to curved walls found often in older MDUs, blending easily into hallway decor
3M One Pass Fiber Pathway Duct creates horizontal cable pathways and lays fibers in one quick step	Installation is quicker and less costly than most traditional horizontal cable pathway and drop cable solutions
3M One Pass Fiber Pathway has few pieces to install	Installation is easy and training crews take less time than when using traditional methods
3M One Pass Fiber Pathway makes pathway sharing with other network operators impossible	Eliminates hassle of congested pathways, provides added security for network operator
3M One Pass Fiber Pathway Duct is factory terminated at one end with SC Connectors (optional)	Enables quick, plug-and-play connections of vertical and horizontal network cables
3M One Pass Fiber Pathway makes prepositioning drop fibers outside living units easy	Test access is available to network provider without entering customer living unit, final drop cable installation time and skill installation craft are significantly reduced
Drop fibers can be quickly and easily terminated with 3M™ No Polish Connectors	Expensive, fusion splice machines are no longer necessary. Power source, often difficult to find in a MDU, is not needed for terminations



3M™ One Pass Fiber Pathway Duct and 3M™ One Pass Surface Mount Point-of-Entry Box SM-POE-10-IV



Cross-section of 3M™ One Pass Fiber Pathway Duct

Duct Profile Dimensions

Duct OD: 6.83mm

Duct ID: 5.03mm



3M™ One Pass Fiber Pathway

Technical Specifications

3M™ One Pass Fiber Pathway Duct

Material	PVC (Polyvinyl chloride)
Color	Ivory
Paintability	Paintable with either latex or oil based paint
Flammability	The One Pass Fiber Pathway product has been Listed to the requirements of UL5C, Surface Raceways and Fittings For Use with Data, Signal, and Control Circuits. This product is for General Purpose applications only. The One Pass Fiber Pathway product is Certified to CAN/ULC S143, Conforms to UL Std 1685, FT4.
Tensile Strength	Fanout Max Installation Load: 55 lbs (245 N) Duct Max Installation Load: 25 lbs (111 N)
Operation Load	No load, adhere duct to wall substrate or bridge stock.
Impact Resistance	A standard 2" (50.8 mm) diameter ball weighing 1.18 lbs (0.535 kg) is dropped onto the duct from a height of 2.5' (0.76 m) at 23°F (-5°C) with no damage to the duct.
Storage Temperature	Shelf life of 24 months from date of manufacture when stored at 40°F to 100°F (4°C to 38°C) and 0-95% relative humidity. The optimum storage conditions are 72°F (22°C) and 50% relative humidity.
Operating Temperature	40°F to 100°F (4°C to 38°C) and 0-95% relative humidity.
UV Resistance	Installed duct tested to indoor UV requirements per ASTM G.154-06, 6.1.3.2, Daylight UV Behind Window Glass.
Installation Temperature	16°C to +38°C (61°F to +100°F) and 30-50% relative humidity. Note: Allow the 3M™ One Pass Fiber Pathway duct and accessories to acclimate for 24 hours at recommended product installation temperature prior to install. Note: For optimum curing of the adhesive, hold recommended installation temperature conditions for 72 hours after product installation.

3M™ One Pass Fiber Pathway Molded Accessories

Flammability	The One Pass Fiber Pathway plastic accessories are listed to UL5C, Surface Raceways and Fittings For Use with Data, Signal, and Control Circuits. The One Pass Fiber Pathway plastic accessories are Certified to CAN/ULC S143, Conforms to UL Std 1685, FT4. This product is for General Purpose applications only.
Impact Resistance	A standard 2" (50.8 mm) diameter ball weighing 1.18 lbs (0.535 kg) is dropped onto the accessories from a height of 4.2' (1.3 m) at 23°F (-5°C) with no damage to the accessories.

3M™ One Pass Fiber Pathway Solution

3M™ One Pass Fiber Pathway Solution 3rd Party Witness Tested to	Telcordia GR-2866-CORE, Generic Requirements for Optical Fiber Fanouts. Telcordia GR-3126-CORE, Generic Requirements for FTTP Wall Plates, Moldings, Raceways. Telcordia GR-3155-CORE, Generic Requirements for Optical Fiber Microducts. Telcordia GR-326-CORE, Generic Requirements for Single Mode Optical Connectors and Jumper Accessories.
Written report available upon request.	

Wall Surface Compatibility Test Results

Wall Surface Type	Pass
Painted Smooth Surfaces	
Flat Latex	Yes
Semi-gloss Latex	Yes
Glossy Latex	Yes
Semi-gloss Alkyd	Yes
Painted Textured Surfaces: Light Stucco & Cement Block	
Flat Latex	Yes
Semi-gloss Latex	Yes
Glossy Latex	Yes
Semi-gloss Alkyd	Yes
Wallpapered Surfaces	
Plain Paper	Yes
Vinyl Coated	Yes
Vinyl	Yes
Polyolefin Woven	No
Unfinished and/or Unpainted Brick, Concrete, or Block	No



Window cut process using the 3M™ One Pass Window Cut Template WC-TEMP-20 and 3M™ One Pass Window Cut Tool WC-TOOL-50.

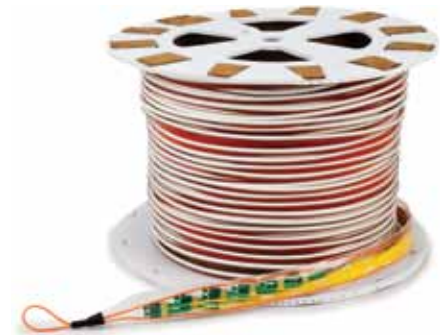
3M™ One Pass Fiber Pathway Duct

Product Contents

Spool, recyclable plastic corrugated

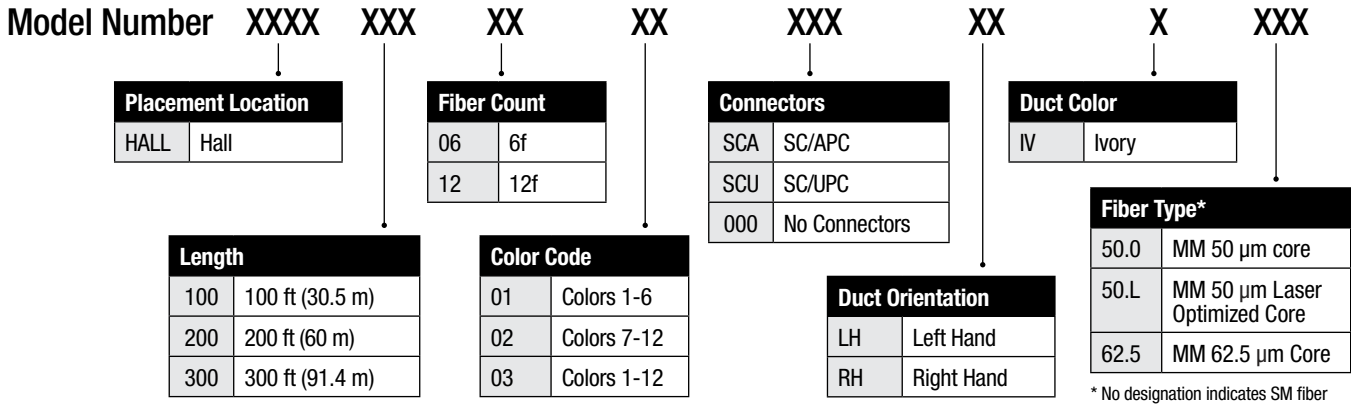
Extruded duct, factory filled with 900µm bend insensitive, tight buffered fiber (G.657.A2) and backed with 3M adhesive

Factory terminated on one end with SC Connectors (optional)



Spool of 3M™ One Pass Fiber Pathway Duct

3M™ One Pass Fiber Pathway Duct Configuration Guide



3M™ One Pass Fiber Pathway Ordering Information

Product Name	Description	3M ID	MOQ
HALL-100-06-01-SCA-LH-IV	One Pass Fiber Pathway Duct, 100 feet (30.5 m)	80-6113-3570-6	1 spool
HALL-100-06-01-SCA-RH-IV	One Pass Fiber Pathway Duct, 100 feet (30.5 m)	80-6113-3571-4	1 spool
HALL-100-06-02-SCA-LH-IV	One Pass Fiber Pathway Duct, 100 feet (30.5 m)	80-6113-3572-2	1 spool
HALL-100-06-02-SCA-RH-IV	One Pass Fiber Pathway Duct, 100 feet (30.5 m)	80-6113-3573-0	1 spool
HALL-100-12-03-SCA-LH-IV	One Pass Fiber Pathway Duct, 100 feet (30.5 m)	80-6113-3565-6	1 spool
HALL-100-12-03-SCA-RH-IV	One Pass Fiber Pathway Duct, 100 feet (30.5 m)	80-6113-3566-4	1 spool
HALL-100-12-03-000-LH-IV	One Pass Fiber Pathway Duct, 100 feet (30.5 m)	80-6113-3567-2	1 spool
HALL-100-12-03-000-RH-IV	One Pass Fiber Pathway Duct, 100 feet (30.5 m)	80-6113-8186-6	1 spool
HALL-200-06-01-SCA-LH-IV	One Pass Fiber Pathway Duct, 200 feet (61 m)	80-6113-3575-5	1 spool
HALL-200-06-01-SCA-RH-IV	One Pass Fiber Pathway Duct, 200 feet (61 m)	80-6113-3576-3	1 spool
HALL-200-06-02-SCA-LH-IV	One Pass Fiber Pathway Duct, 200 feet (61 m)	80-6113-3577-1	1 spool
HALL-200-06-02-SCA-RH-IV	One Pass Fiber Pathway Duct, 200 feet (61 m)	80-6113-3578-9	1 spool
HALL-200-12-03-SCA-LH-IV	One Pass Fiber Pathway Duct, 200 feet (61 m)	80-6113-3559-9	1 spool
HALL-200-12-03-SCA-RH-IV	One Pass Fiber Pathway Duct, 200 feet (61 m)	80-6113-3560-7	1 spool
HALL-200-12-03-000-LH-IV	One Pass Fiber Pathway Duct, 200 feet (61 m)	80-6113-3561-5	1 spool
HALL-200-12-03-000-RH-IV	One Pass Fiber Pathway Duct, 200 feet (61 m)	80-6113-8185-8	1 spool
HALL-300-06-01-SCA-LH-IV	One Pass Fiber Pathway Duct, 300 feet (91.4 m)	80-6113-3580-5	1 spool
HALL-300-06-01-SCA-RH-IV	One Pass Fiber Pathway Duct, 300 feet (91.4 m)	80-6113-3581-3	1 spool
HALL-300-06-02-SCA-LH-IV	One Pass Fiber Pathway Duct, 300 feet (91.4 m)	80-6113-3582-1	1 spool
HALL-300-06-02-SCA-RH-IV	One Pass Fiber Pathway Duct, 300 feet (91.4 m)	80-6113-3583-9	1 spool
HALL-300-12-03-SCA-LH-IV	One Pass Fiber Pathway Duct, 300 feet (91.4 m)	80-6113-3553-2	1 spool
HALL-300-12-03-SCA-RH-IV	One Pass Fiber Pathway Duct, 300 feet (91.4 m)	80-6113-3554-0	1 spool
HALL-300-12-03-000-LH-IV	One Pass Fiber Pathway Duct, 300 feet (91.4 m)	80-6113-3555-7	1 spool
HALL-300-12-03-000-RH-IV	One Pass Fiber Pathway Duct, 300 feet (91.4 m)	80-6113-8184-1	1 spool

3M™ One Pass Fiber Pathway Accessories

Product Number	Description	3M ID	MOQ
SM-MP-10-IV	One Pass Multipurpose Box	80-6113-8089-2	60
SM-POE-10-IV	One Pass Surface-Mount Point-of-Entry Box	80-6113-3380-0	60
PLN-12-IV	One Pass Planar Corners	80-6113-3381-8	60
EXT-12-IV	One Pass Exterior Corners	80-6113-3382-6	60
INT-12-IV	One Pass Interior Corners	80-6113-3383-4	60
WC-12-IV	One Pass Window Cut Covers	80-6113-3384-2	60
TWF-12-IV	One Pass Thru Wall Funnel	80-6113-3719-9	60
20-I-T-KIT	One Pass Installation Tool Kit	80-6113-3620-9	1
800-U-C-KIT	One Pass Utility Cart Assembly Kit	80-6113-3595-3	1
BRIDGE-100-4	One Pass Bridge, Anchor Plate Kit	80-6113-3591-2	100
LNRSHT-25	One Pass Liner Sheet Kit	80-6113-3592-0	25
78-H-KIT	One Pass Hardware Kit	80-6113-3593-8	1
60-SM-T-KIT	One Pass Surface-Mount Wall Compatibility Test Kit	80-6113-3594-6	1
T-12-IV	One Pass T Covers	80-6113-8088-4	60
612-IAP	One Pass Installation Application Pole	80-6113-3724-9	1
—	Easy Trap Flip Holder (Tool only)	70-0713-1491-1	1 case (6 per)
—	Easy Trap Duster (8" x 6" x 125')	70-0713-1346-7	1 case (250 sheets per)
8800-APC/AS	No Polish Connector SC/APC SM Angle Splice 250/900	80-6113-2627-5	60/package
2565	Fiber Optic Angle Cleave Kit with Angle Cleaver	80-6113-2508-7	1/package
2535	Fiber Optic Angle Cleaver	80-6113-2423-9	1/package

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