

Evolv® ROC™ Drop Toneable Assembly

CORNING

As an industry leader in optical connectivity products, Corning designs and manufactures the ROC™ drop cable assembly with factory-terminated, environmentally sealed and hardened connectors to reduce the cost and time of drop cable deployment. Corning hardened connectors provide superior durability and reliability in the drop segment of the network. This assembly also offers significant improvements in cable management.

Pushlok™ connector technology is the next evolution of OptiTap® connector. The new connector design is the key component enabling smaller terminals for FTTX networks than ever before.

By featuring the ROC drop cable design, issues of slack storage capacity are virtually eliminated. The ROC drop cable minimum bend radius is half the size of legacy drop cable. The outer dimensions of the cable have been reduced by more than 50 percent. ROC drop cables are more flexible, allowing for easier routing at the ONT. Installers will see a reduction in truck storage space requirements with this new design.

Features and Benefits

Hardened connector technology

Reduced-diameter Pushlok™ connector

Reduced optimized cable cross-section

ble plus fin et performant

Robust design

Design renforcé

Flexible connector offerings

Dual-ended or pigtailed versions to accommodate any ONT interface

Versatile installation environments

installation



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Standards	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU

Temperature Range	
Temperature Range, Operation	-40 °C - 70 °C (-40 °F - 158 °F)

Specifications - Connector A		
Connector Type	Insertion Loss, Typical	Reflectance, Typical
Pigtail - Pushlok®	≤ 0.15 dB	> 65 dB (optical return loss)

Specifications - Connector B			
Connector Type	Reflectance, Typical	Insertion Loss, Typical	Connector Type
Pushlok®	> 65 dB (optical return loss)	≤ 0.15 dB	Pigtail
SC Simplex	> 65 dB (optical return loss)	≤ 0.15 dB	Pushlok®
Pushlok®	> 65 dB (optical return loss)	≤ 0.15 dB	Pushlok®

Furcation A	
Leg Length	
0 mm (0 in)	
0 mm (0 in)	
0 mm (0 in)	
0 mm (0 in)	
0 mm (0 in)	
0 mm (0 in)	
0 mm (0 in)	
0 mm (0 in)	
0 mm (0 in)	

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[illegible]



Furcation A
Leg Length
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
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0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)

Furcation B
Leg Length
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)

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[illegible]

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Furcation B
Leg Length
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
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0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)

Dimension
Length
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)

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Dimension
Length
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
0 mm (0 in)
100 ft
100 m (328 ft)
100 m (328 ft)
100 ft
100 ft
100 ft
100 ft
100 m (328 ft)
100 ft
100 ft
100 m (328 ft)
100 m (328 ft)
250 ft
250 m (820 ft)
250 ft
250 ft

Evolv® ROC™ Drop Toneable Assembly



Dimension
Length
250 ft
250 ft
250 m (820 ft)
250 ft
250 ft
250 m (820 ft)
500 ft
500 m (1640 ft)
500 m (1640 ft)
500 ft
500 ft
500 ft
500 ft
500 ft
500 m (1640 ft)
500 m (1640 ft)
1000 ft
1000 ft
1000 ft
1000 ft
1000 ft
1000 ft
1000 ft
1000 ft
3500 ft

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