

ClearCurve™ Drop Cable Assemblies

An Evolant® MDU Solutions Product

Description

Corning Cable Systems ClearCurve™ Drop Cable Assemblies are based on Corning's revolutionary nanoStructures™ Technology, which enables truly bend-insensitive optical fiber and cable that results in virtually no attenuation loss even when bent to a minimum bend radius of 5 mm. The technology solves historic technical challenges for telecommunications carriers installing fiber-to-the-home (FTTH) networks in high-rise apartment buildings and condominium complexes.

ClearCurve Drop Cable Assemblies leverage and optimize the performance of ClearCurve bend-insensitive capabilities with high-quality, factory-terminated and tested Corning Cable Systems connectors to provide quicker installations with low connector insertion loss.

The ClearCurve Factory-Terminated Assemblies are designed to meet the following industry standards and specifications:

- EIA/TIA 568C (single-mode)
- ClearCurve Cable – Telcordia GR409
- ClearCurve Fiber – Exceeding the bend performance requirement in ITU-T ref. G.657.A and B while maintaining compatibility with standard singlemode fiber ITU-T ref. G.652
- Cable Assemblies – Telcordia GR-326

Features / Benefits

- ClearCurve Fiber is backward compatible with all industry ITU-G.652 single-mode fiber
- Single-mode connectors available with both ultra PC and angled PC performance
- Ideal for tight bend deployments (down to a 5 mm radius)
- 100% optically tested



ClearCurve Drop Cable Assembly | Photo CCV018



Product Specifications

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Specifications

Optical Fiber	ClearCurve™ Single-mode Fiber
Typical Insertion Loss	0.2 dB
Typical Reflectance	-65 dB angle polished PC -55 dB ultra PC

Ordering Information

Contact Customer Service for other options.

0 1 U -

1
 2
 3
 4
 5
 6

1 Select End One connector.

00 = No connector

UPC

APC

58 = SC UPC 44 = SC APC

2 Select End Two connector.

UPC

APC

58 = SC UPC 44 = SC APC

3 Select cable type.

- R1BG = 2.9 mm riser (neutral jacket)
- R131 = 2.9 mm riser (yellow jacket, standard)
- R43F = 4.8 mm ruggedized indoor/outdoor (black jacket)
- R4BG = 4.8 mm ruggedized riser (neutral jacket)
- R431 = 4.8 mm ruggedized riser (yellow jacket, standard)

4 Select cable assembly length.

001-999

Note: For lengths longer than 999, contact customer service.

5 Select unit of measure.

F = Feet

M = Meters

6 Defines packaging.

C = Individual packaging for all lengths on shipping reels.

Blank = Individual bag/box packaging

Note: For pigtails on reels, connector will be on the bottom of the reel.

Part Number	Description
004401UR4BG200F	ClearCurve Drop Cable Assembly, SC APC pigtail, 4.8 mm ruggedized riser (neutral jacket), 200 ft, individual bag/box packaging.
004401UR43F300F-C	ClearCurve Drop Cable Assembly, SC APC pigtail, 4.8 mm ruggedized indoor/outdoor (black jacket), 300 ft, reel packaging.

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