

# ClearCurve® Drop Cable Assemblies

Corning ClearCurve drop cable assemblies are based on Corning’s revolutionary technology, which enables truly bend-insensitive optical fiber and cable that produces virtually no attenuation loss even when bent to a minimum bend radius of 5 mm. This technology solves historic technical challenges for telecommunications carriers installing fiber-to-the-home (FTTH) networks in high-rise residential and business complexes and other challenging tight-bend deployments.

Available with both ultra PC and angled PC performance, ClearCurve drop cable assemblies leverage and optimize the performance of ClearCurve bend-insensitive fiber capabilities with high-quality, factory-terminated and tested connectors to provide quicker installations with low connector insertion loss.



ClearCurve Drop Cable Assembly

Features	Benefits
Backward compatible with all industry ITU-G.652 single-mode fiber	Meets industry standards and eliminates installation complexity
Minimum bend radius of 5 mm	Ideal for tight-bend deployments
Factory-terminated and tested connectors	Quality assurance and reliable performance

## Standards

Approvals and Listings	EIA/TIA 568C (single-mode)
Design and Test Criteria	Telcordia GR-326, GR-409
ITU	Exceeds ITU-T G.657.A and B, ITU-T G652 (fiber)
Program Compliance	Relevant PNs will meet BEAD/BABA program compliance standards

## Specifications

Insertion Loss, Typical	0.2 dB
Reflectance, Typical	-55 dB
Reflectance (angled cleave)	-65 dB
Fiber Type	ClearCurve® ZBL single-mode fiber

Ordering Information

01U

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1 Select end one connector.

- 00 = No connector
- 58 = SC UPC
- 44 = SC APC

2 Select end two connector.

- 58 = SC UPC
- 44 = SC APC

3 Select cable type.\*

- R1BG= 2.9 mm riser, neutral jacket
- R131 = 2.9 mm riser, yellow jacket
- R1B8 = 2.9 mm plenum, neutral jacket
- R1Y8 = 2.9 mm plenum, yellow jacket
- R1BF = 2.9 mm indoor/outdoor, neutral jacket
- R13F = 2.9 mm indoor/outdoor, black jacket
- R43F = 4.8 mm rugged indoor/outdoor, black jacket
- R4BG = 4.8 mm rugged riser, neutral jacket
- R431 = 4.8 mm rugged riser, yellow jacket
- R43H = 4.8mm rugged indoor/outdoor, neutral jacket

4 Select cable assembly length.†

- 002-300

5 Select unit of measure.

- F = Feet
- M = Meters

6 Select packaging.

- C = Individual packaging for all lengths on shipping reels
- Blank = Individual bag/box packaging

7 Select program.

- U = BABA compliance
- Blank = No program compliance

\* Lengths from 250F/76M or longer can only be shipped on reels. PNs should add "-C" for these lengths. For pigtailed on reels, connector will be on the bottom of the reel.  
† Minimum cable length is 2M/6F. Maximum standard cable length is 91M/300F. For lengths longer than 300F, contact Customer Care at 1-800-743-2671.

Part Number Example

Part Number	Product Description	Units per Delivery
004401UR4BG200F	ClearCurve Drop Cable Assembly, SC APC pigtail, 4.8 mm rugged riser (neutral jacket), 200 ft, individual bag/box packaging	1/1
004401UR43F300F-C	ClearCurve Drop Cable Assembly, SC APC pigtail, 4.8 mm rugged indoor/outdoor (black jacket), 300 ft, reel packaging	1/1
004401UR43F300F-CU	ClearCurve Drop Cable Assembly, SC APC pigtail, 4.8 mm rugged indoor/outdoor (black jacket), 300 ft, reel packaging – BABA Compliant	1/1

