







CORNING

# Decision Matrix

2019 Cable Assemblies

Cable assemblies are an often overlooked critical component of your inside plant connectivity portfolio. As the industry's leading supplier of cable assemblies, Corning's state-of-the-art manufacturing process ensures reliable connector performance with products that meet or exceed all industry standards for reflectance and insertion loss. Our ability to scale to meet your deployment needs is what sets us apart along with the highest-quality fiber and factory-tested connectors. All assemblies undergo rigorous performance testing to ensure optimal quality in every connector. Constant process improvements offer a variety of options in fiber, cable, and connector types to meet your network's ever-evolving needs.

CORNING	Single-Fiber Assemblies	Duplex Assemblies	Duplex Zipcord Assemblies	Multifiber Assemblies
				
Subunit Size	1.2, 1.6, 2.0 mm	1.6, 2.0 mm	1.2, 1.6, 2.0 mm	1.2, 1.6, 2.0 mm
Fiber Size	250 µm (1.2 mm), 900 µm	250 µm (1.2 mm), 900 µm	900 µm	250 µm
Assembly Type	Jumpers, pigtails	Jumpers, pigtails	Jumpers, pigtails	Harnesses, trunks, jumpers, pigtails
Cable Design	Round	Round	Flat	Round
Application	Central office, headend, data center, mobile switch center	Central office, headend, data center, mobile switch center	Central office, headend, data center, mobile switch center	Central office, headend, data center
Solution Compatibility	Centrix™ system, CCH, and Eclipse® hardware	EDGE™ and EDGE8® solutions	Centrix system, CCH, Eclipse hardware, EDGE and EDGE8 solutions	Centrix system, EDGE and EDGE8 solutions
Fiber Count	1	2	2	8, 12, 24, increments up to 1,728
Fiber Type	Bend-insensitive fibers Single-Mode: Corning® SMF-28® Ultra fiber, Corning® ClearCurve® LBL, or ClearCurve ZBL fibers	Bend-insensitive fibers Single-Mode: SMF-28 Ultra fiber Multimode: ClearCurve OM3, OM4, and OM5 fiber	Bend-insensitive fibers Single-Mode: SMF-28 Ultra fiber Multimode: ClearCurve OM3, and OM4 fiber	Bend-insensitive fibers Single-Mode: SMF-28 Ultra fiber Multimode: ClearCurve OM3, OM4, and OM5 fiber
Connector Types	SC APC, SC UPC, LC APC, LC UPC, FC APC, FC UPC, ST® compatible PC connectors	SC APC, SC UPC, LC APC, LC UPC, FC APC, FC UPC, ST compatible PC, uniboot (LC only) connectors	SC APC, SC UPC, LC APC, LC UPC, FC APC, FC UPC, ST compatible PC connectors	SC APC, SC UPC, LC APC, LC UPC, MTP® connectors
Packaging	Bag, box, or reel Jumper-in-a-box	Bag, box, or reel Jumper-in-a-box	Bag, box, or reel Jumper-in-a-box	Bag, box, or reel
Quick Facts	<ul style="list-style-type: none"> <li>Single length management for Centrix system-compatible assemblies (5 m)</li> <li>Simplified inventory management with jumper-in-a-box</li> </ul>	<ul style="list-style-type: none"> <li>Quickly switch polarity in the field with LC uniboot connectors</li> <li>Simplified inventory management with jumper-in-a-box</li> </ul>	<ul style="list-style-type: none"> <li>Easily separate connector ends in the field for simplified routing</li> <li>Simplified inventory management with jumper-in-a-box</li> </ul>	<ul style="list-style-type: none"> <li>High-performance and quick connectivity with MTP connector-enabled assemblies</li> <li>Manage polarity (type A or B) in conjunction with Corning's universal polarity EDGE systems</li> </ul>