CORNING

Choosing the Right Termination

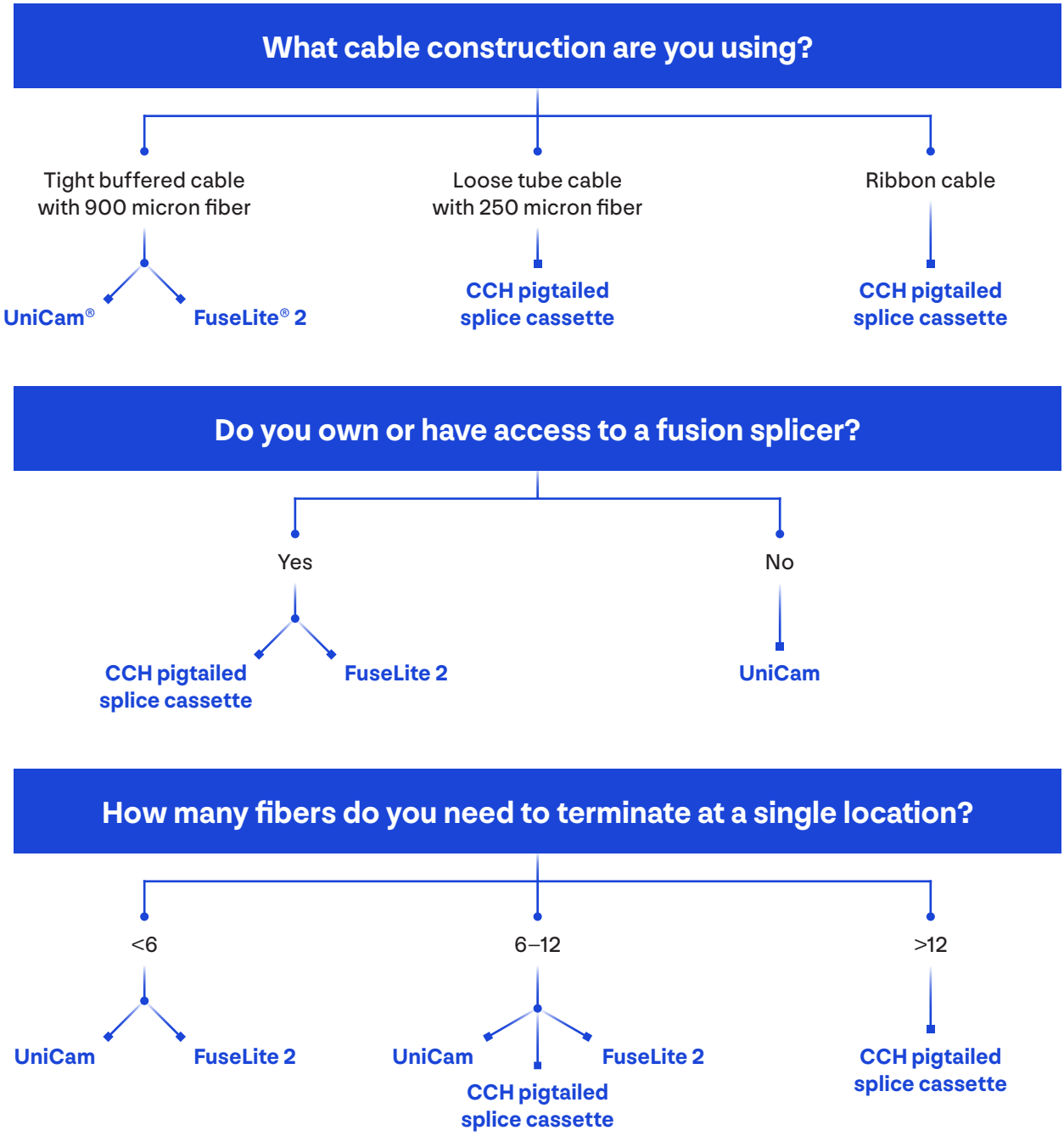
Corning has been terminating optical fibers with connectors since 1977, so we know a thing or two about it. When it comes to field terminating fiber, there are several options available, so how to choose the best one?

Well, it comes down to multiple factors, including connector type, fiber type, cable type, the number of fibers to be terminated, required connector performance, and whether you prefer mechanical or fusion splice termination.

First, let's look at the performance specs and options available for the three main product families for field connectivity available from Corning:

			
	UniCam®	FuseLite® 2	CCH Pigtailed Splice Cassette
Connector Type	LC, SC, ST®	LC, SC, ST	LC, SC, ST, FC
Fiber Type	Multimode: OM1, OM2, OM3, OM4, OM5 Single-mode: OS2	Multimode: OM1, OM2, OM3, OM4, OM5 Single-mode: OS2	Multimode: OM1, OM2, OM3, OM4, OM5 Single-mode: OS2
Typical Insertion Loss	0.2 dB	0.2 dB	0.2 dB
Operating Temp Range	-40° to +75°C	-40° to +75°C	-40° to +65°C
Termination Method	Mechanical	Fusion Splice	Fusion Splice
Corning Hardware Compatibility	CCH, EDC, ICH, WCH, SPH	CCH, EDC, ICH, WCH, SPH	CCH, EDC, ICH, WCH

Since all three product families are suitable for most termination applications, the questions below can help you make your decision:



Scan the QR codes for helpful information.

Connectivity Resource Center

CCH Pigtailed Splice Cassettes

Fiber Optic Connectors E-catalog