

CORNING

EDGE™ Solutions



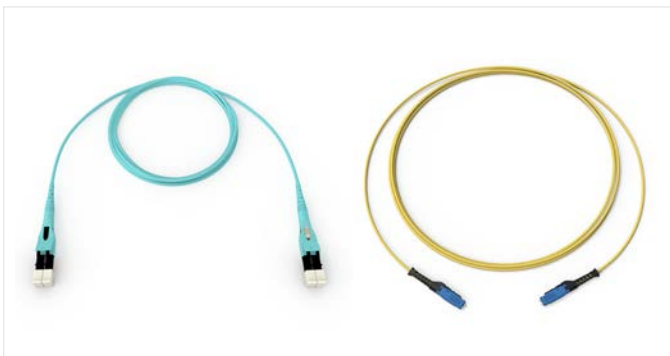
Uniboot and Duplex Patch Cords

As the industry’s leading supplier of fibre, our state-of-the-art manufacturing process for cable assemblies ensures unsurpassed fibre and connector performance that meets and exceeds industry standards for connector reflectance and insertion loss. Low-loss connectivity enables system design flexibility for your application.

Reverse polarity LC Uniboot connectors allow for a quick-and-easy conversion of polarity and connector colour coding in the field without exposing the fibres or needing any tools. Manufactured with Corning® CleanAdvantage™ technology and shipped with optimised caps, they eliminate the need for cleaning and scoping prior to initial field connection.

Mini Duplex Connectors (MDC) offer reverse polarity by simply twisting the trigger, and a flexible push-pull boot allows easy finger access to plug/unplug connectors without the support of a connector clip or tool.

To integrate next generation high-density transceivers with an SN (Senko Nano) footprint or legacy SC connectors into existing LC duplex based infrastructures, our EDGE™ patch cords include hybrid versions as well.



Reverse Polarity LC Uniboot and MDC Duplex Patch Cords
| Photos REN6462 and REN8003

Features

Slim, round two-fibre interconnect cable.

Uniboot-style duplex connectors.

Improved handling in high-density applications.

MDC patch cords and modules enable up to 3x the density in EDGE™ footprint.

Low-loss connectivity enables system design flexibility. Enabled by bend-insensitive Corning® ClearCurve® multimode or Corning® SMF-28e® Ultra single-mode fibres.

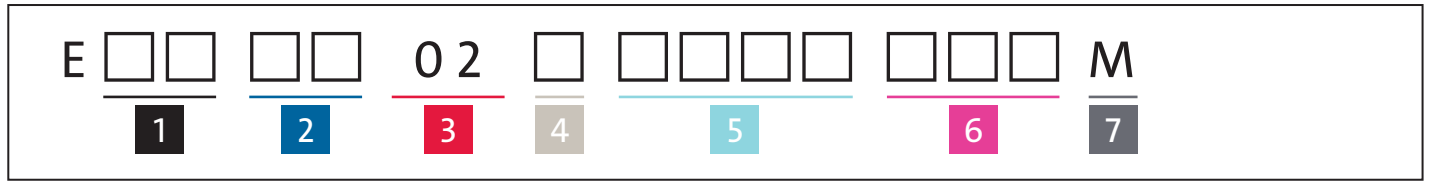
Designed to withstand tight bends and challenging cable routes.

Connector Specifications

Connector Type	Maximum Insertion Loss	Maximum Reflectance
Multimode UPC	≤ 0.15 dB	≤ -40 dB
Single-mode UPC	≤ 0.25 dB	≤ -45 dB
Single-mode APC	≤ 0.25 dB	≤ -60 dB

Uniboot and Duplex Patch Cords

Ordering Information



1 Select connector one type.

79 = LC Uniboot multimode
MM = MDC multimode
NM = SN multimode
57 = SC Duplex multimode
78 = LC Uniboot UPC single-mode
80 = LC Uniboot APC single-mode
MU = MDC UPC single-mode
MA = MDC APC single-mode
NU = SN UPC single-mode
NA = SN APC single-mode
72 = SC UPC Duplex single-mode
66 = SC APC Duplex single-mode

2 Select connector two type.

See selection under 1.

3 Determines fibre count.

02 = 2 fibres

4 Select fibre type.

T = Corning® ClearCurve® ClearCurve Multimode OM3
Q = ClearCurve Multimode OM4
V = ClearCurve Multimode OM5 Wide Band Fibre
G = Corning® SMF-028® Ultra (OS2)

5 Select cable code based on desired construction.

NZ20 = 2.0 mm LSZH™, CRP Dca
NZ16 = 1.6 mm LSZH, CRP Dca*

6 Select cable assembly, length.

001-199

7 Defines unit of measure.

M = Metres

Additional configurations, lengths and jacket options are available upon request and can be viewed in our [EDGE™ 2-Fibre Patch Cords Family Specification](#).

*For MDC and SN connectors, 1.6 mm is the default and recommended cable diameter.