

NPC+ Fibre Termination Kit including CI-01 high precision flat cleaver

CORNING

Part Number: TKT-NPCP-CI01

The NPC+ (No Polish Connector) eliminates field polishing, loose parts, and termination tools. The innovative buffer clamp design eliminates rework by delivering superior twist and transmission with applied load (TWAL) mechanical performance. After fibre preparation and cleaving, installation is a simple three-step process: insert fibre, actuate splice, activate the buffer clamp. Faster than fusion splicing, the NPC+ delivers savings in installation expense and reduces overall complexity of termination.

The TKT-NPCP-CI01 Fibre Termination kit includes all the needed accessories for a termination on 250um or 900um tight buffer as well as semi-tight buffer fibre using NPC+. With the proper maintenance, the high-precision CI-01 flat cleaver can produce up to 50,000 fibre cleaves of length ranging from 8 to 24mm. Since NPC+ does not require any dedicated installation tools for splice activation or mechanical strain relief, TKT-NPCP-CI01 complements our NPC+ offering for customers who do not own any fibre termination equipment.

Features and Benefits

Quick and easy installation

Less than one minute per connector

One piece, preassembled design

No boot or other loose parts

Factory-polished end face

Low insertion loss and high-performance return loss

Proprietary rear buffer clamp design

Delivers excellent twist, TWAL, and pull-out strength

Field-termination enables installer to select ideal cable length

Minimizes cable slack to store

Deactivation of the buffer clamp and splice element (900 µm only)

Provides one, single reuse



NPC+ Fibre Termination Kit including CI-01 high precision flat cleaver



Specifications

Dimensions

Height	25 cm
Depth	9 cm

General Specifications

Product type	Connector Tools and Tool Kits
Compatibility	SC/LC 250µm/900µm tight buffer and semi-tight buffer
Technology	No-epoxy/no-polish

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
------	---



Corning Optical Communications LLC • 4200 Corning Place • Charlotte, NC • 28216 • United States
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/opcomm

A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/emea/trademarks. Corning Optical Communications is ISO 9001 and ISO 14001 certified. © 2021 Corning Optical Communications. All rights reserved.