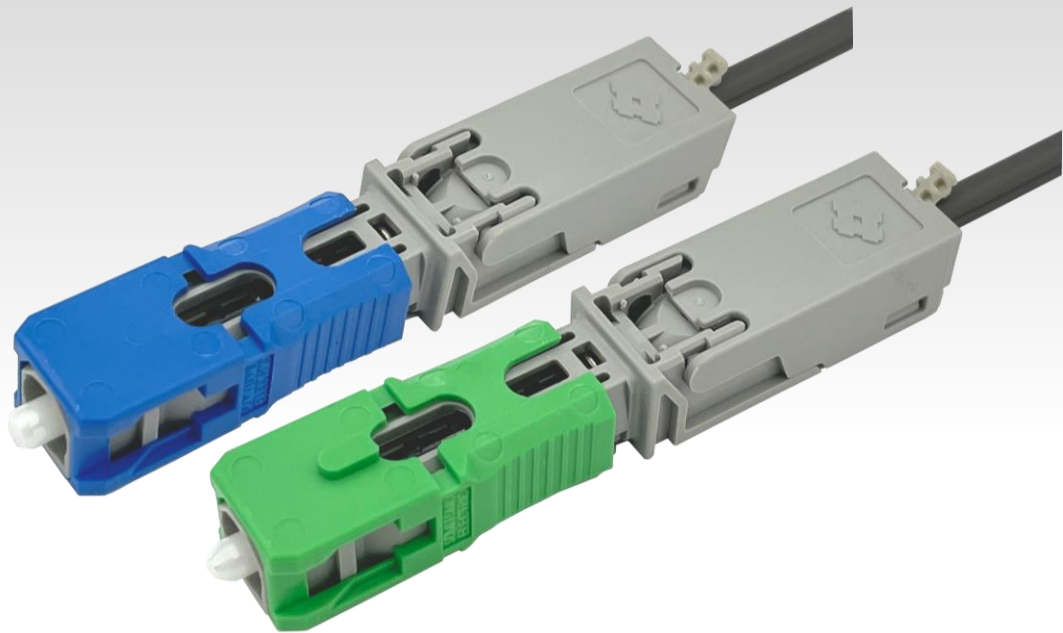


NEW

Field Installable Connector for Flat Drop Cable

e-SC Connector



Enhanced workability and toughness



New Assembly Guide Jig & Cut Spacer for more reliable termination



Wide fiber inlet for inserting fiber easily



New Cable securing system for tensile strength 30N

Essential Features

- No polishing required.
- Fast and easy termination of flat drop cable in just 2 minutes.
- Requires only Fiber Stripper, Fiber Cleaver and Cleaning materials
- Easy re-open with assembly guide jig to re-use.
- Available for NG-PON2 (Low insertion loss at 1625nm)

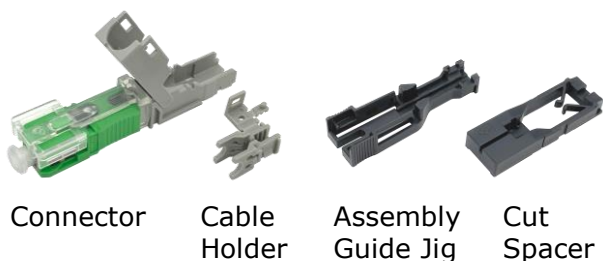
Specification

Product Name	e-SC-APC<SM>F-6-D	e-SC-UPC<SM>F-6-D
Fiber Type	SM: G657.A1/A2 & B3(except hole assisted fiber)	
Media Type	Flat Drop Cable with 250μm fiber: 1.6 x 2.0 and 2.0 x 3.1 mm	
Polish	APC	UPC
Insertion Loss (*1)	Typ. 0.3dB, Max ≤ 0.6dB at 1310nm, 1550nm & 1625nm	Typ. 0.2dB, Max. ≤ 0.5dB at 1310nm, 1550nm & 1625nm
Return Loss (*1)	≥ 50dB (with Flat Cleaver) at 1310nm, 1550nm & 1625nm	≥45dB (with Flat Cleaver) at 1310nm, 1550nm & 1625nm
Allowable tensile strength	30N	
Operating Temp.	-40°C to +75°C	
Interface	IEC 61754-4	
Qualification	ANSI/TIA 568.3-D (*2)	
Outer Housing Color	Green	Blue

(*1) measured at room temperature with Sumitomo Electric standard fiber, tools and reference plug.

(*2) There are some exceptions depending on characteristics of cable & fiber.

Standard connector kit



Required tools



 Sumitomo Electric Industries, Ltd.