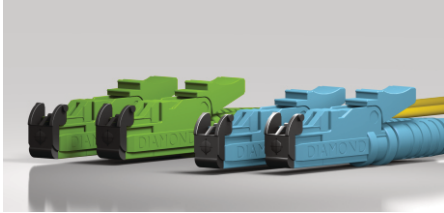




High Quality Fiber Optic Cable Assemblies

With Diamond Connectors E200™, F3000™, SC, FC, ...



Features:

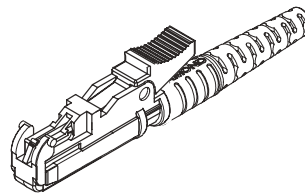
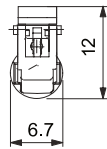
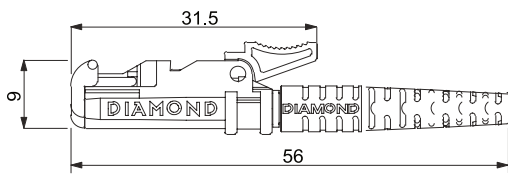
The highest quality of optical connector's assembly
 Using high performance connector sets from Diamond Company
 Active alignment process of fiber core within ferule
 Meets IEC, CENELEC and Telcordia
 Over 20 years experiences with assembling optical connectors

Applications:

Test and measurement, Telecommunications, Industry & Military, R&D, Active devices interface

	Singlemode 0,1dB APC/8°	Singlemode APC/8°	Singlemode PC/0°	Multimode PC/0°
Insertion Loss IL (Random mating) [dB] : *	max 0,1 (unparalleled)	typ. 0,2, max 0,4	typ. 0,2, max 0,4	typ. 0,2, max 0,4
Return Loss RL [dB]: **	min. 85	min. 70	min. 50	typ. 40
Connector type :	E2000™, F3000™, SC, FC, DIN, ST, ...			
Repeatability (1000 matings) [dB]:	max +/- 0,1			
Operating temperature [°C]:	-40 to +85			
Storage temperature [°C]:	-40 to +85			
Color keying (thumb-latch & adapter frame)***	Blue, beige, black, red, orange, yellow, green, violet			
IL max [dB] / λ[nm] - non telecom wavelengths	0,4/1050, 0,5/900, 0,6/850, 0,7/780, 0,9/630, 1,2/460			

*) Tested at 1310 and 1550 nm. **) Tested at 1310nm ***) Standard colors for connector/boot/adapter are: Beige/Black/Beige (MM PC 50um); Beige/Beige/Beige (MM PC 62,5um); Blue/Blue/Blue (SM PC); Green/Green/Green (SM APC).

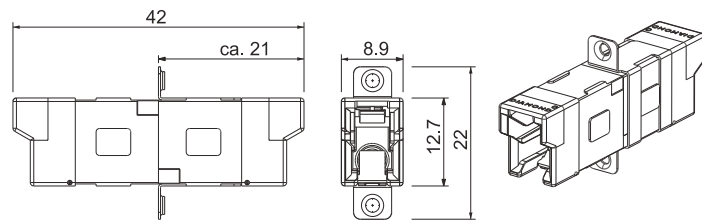


Boot Style: 900µm - 3mm

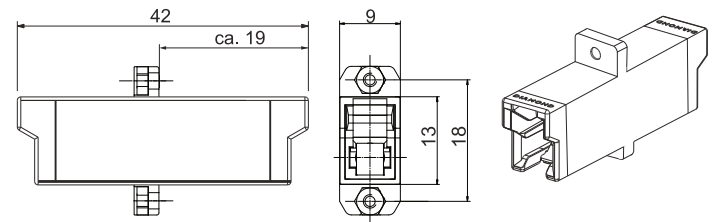
Types: Simplex PC
 Simplex APC
 Simplex APC 0,1dB

Adapter Types and Dimensions

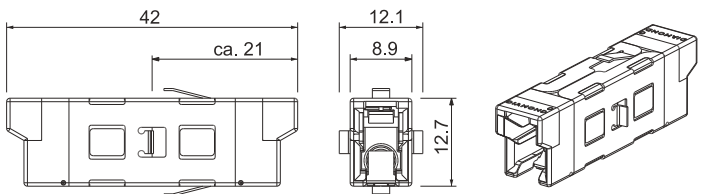
E-2000™ Simplex mating adapter with screw fixing clip



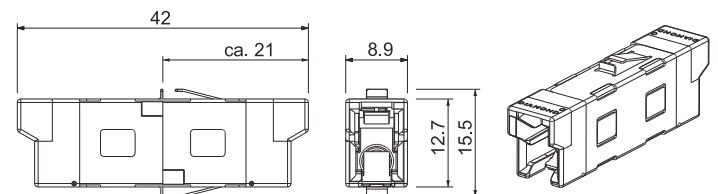
E-2000™ Simplex mating adapter with screw fixing flange



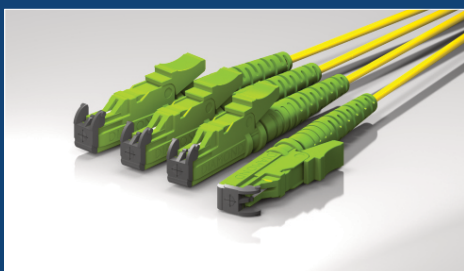
E-2000™ Simplex mating adapter with quick fixing clip (Typ B: for excellent stability within SC cutout)



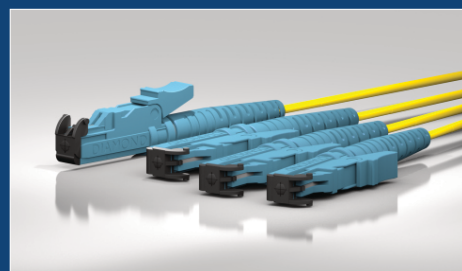
E-2000™ Simplex mating adapter with quick fixing clip (Typ A: for higher packaging density within E-2000™ cutout)



E2000™ / APC



E-2000™ / PC



E-2000™ / APC - E-2000™ / PC Patchcord

