



E-2000 PS DIAMOND
connectors and adapters

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Features:

- the E-2000 PS System is designed for high power applications up to 3 Watts optical power
- developed to support the continuous rise of higher bit rates and longer transmission distances, within DWDM technology, and is based on expanded beam technology
- a section of graded index fibre is introduced as a collimating lens, which enlarges the beam diameter and reduces power density at the connector interface
- all of the features of the E-2000 family, are available from the E-2000 PS, including: ease of installation, integrated protection caps, color coding, mechanical keying and excellent vibration resistance
- angle of polishing is 4°
- comply with the standards: EN60825-1, EN60825-2 (eye protection), IEC61754-15, ZN-05/TP S.A.-044

Technical specifications:

connector type	E-2000 PS DIAMOND	
	SM APC 4°	test conditions
insertion loss IL [dB]	0,2	IEC 61300-3-4; λ=1300/1550 nm
return loss RL [dB]	85	IEC 61300-3-6; λ=1300/1550 nm
repeatability of IL [dB]	±0,1	over service life
service life	over 1000 mate/demate cycles	
operating temperature [°C]	- 40 to +85	depending on cable specification
ferrule diameter [mm]	2,5	
short code	E2APS	

Ordering:

E-2201.2 PS - adapter simplex E-2000/APC PS