E-2000 DIAMOND connectors and adapters

E-2000 DIAMOND Connector

Connectors and adapters E-2000 IP65

Features:

- assembled according to Active Core Alignment technology
- high performance of 0.1 dB APC connectors due to the light emission angle control and application of high precision adapter sleeves
- adapters E-2000 IP65 designed to meet binding requirements, reliability and safety in uncontrolled environments
- adapters E-2000 IP65 recommended for use in mining and petrochemical industries as well as in telecommunication systems located in harsh environments, guarantees splash-proof and dust-proof connections
- comply with the standards: EN60825-1, EN60825-2 (eye protection), IEC61754-15, ZN-05/TP S.A.-044
- available in MM, SM, PC, APC and in duplex versions

Technical specifications:

connector type	E-2000 DIAMOND			E-2000 0,1dB DIAMOND	test conditions
	MM PC 0°	SM PC 0°	SM APC 8°	SM APC 8°	
insertion loss IL [dB]		0,15		0,1	IEC 61300-3-4; l=1300/1550 nm
return loss RL [dB]	40	50	70	85	IEC 61300-3-6; l=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	E2	E20	E28	E28R	

Ordering:

E-2200.2-22 - adapter simplex E-2000/APC SM
E2A/02.5/SM/T/1J - pigtail E-2000/APC SM L=2.5 m cable 900 µm SM
E2AIP - adapter simplex E-2000/APC SM IP65

interconnect components