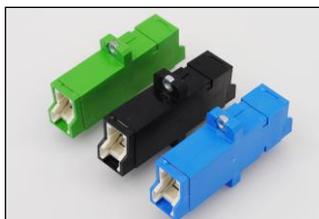## Connection components - fiber optic cabling

E-2000™ FIBER OPTIC ADAPTERS

INTRODUCTION:

Fiber optic adapters are designed to combine E-2000™ connectors with a push&pull mechanism, which provides fast and stable connection, and prevents accidental disconnects. The E-2000™ adapter features injection-molded PBT housing, rated to the UL94-V0 flammability index. Spring-loaded laser protection shutters protect against dust and scratching as well as guarantee protection for the eyes. A high quality ceramic alignment sleeve ensures high performance over 1000 mating cycles. Adapters are equipped with a semi-transparent plastic dust cover, providing optical testing with test lasers without removing the cover. The adapters comply with PN/IEC 61754 and DIN/EN 186270 standards.

APPLICATIONS:

✓ CATV systems,
✓ WDM systems,
✓ Metro systems,
✓ Active devices,
✓ Measurements devices,
✓ Telecommunication Networks,
✓ Local Area Networks (LANs),
✓ Wide Area Networks (WANs),
✓ Data and video transmission.

FEATURES:

✓ Equipped with integral self-closing metal laser protection internal shutter, which guarantees protection for the eyes and against dust,
✓ Excellent optical parameters,
✓ Mounting with the use of M2 screws or quick mounting by integrated clip (possibility of flangeless adapter),
✓ Constructed from highly resistant and durable PBT material with UL94-V0 flammability index,
✓ High quality ceramic alignment sleeve ensures high performance over 1000 mating cycles.

TECHNICAL SPECIFICATION:

Parameter	E-2000™ SM	E-2000™ MM
Insertion Loss (IL)	max. 0.20 dB typ. 0.10 dB	max. 0.30 dB typ. 0.15 dB
Durability	1000 matings/ <0.15 dB typical change	
Strength of coupling mechanism	70N	70N
Alignment sleeve	ceramic	ceramic
Operating temperature	-40 to +85°C	
Internal shutter	✓	✓

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Connection components - fiber optic cabling

PACKING SYSTEM:

Adapters are packaged in boxes of 12 pieces in box .

ORDERING INFORMATION:

Code	Adapter type
ADR-E20-SX-1211BL-BL	E2000 SM PC, blue housing, flange, ceramic sleeve
ADR-E20-SX-1211BL-BL-CL	E2000 SM PC, blue housing, no flange, ceramic sleeve
ADR-E2A-SX-1211GR-GR	E2000 SM APC, green housing, flange, ceramic sleeve
ADR-E2A-SX-1211GR-GR-CL	E2000 SM APC, green housing, no flange, ceramic sleeve
ADR-E20-SX-1211BK-BK	E2000 MM PC, black housing, flange, ceramic sleeve

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