



E2000™ APC Simplex Adapter ceramic with flange, green, class C



E2000™ Adapter

Wherever high-end solutions are required, R&M relies on its E-2000™ family of connectors. R&M is one of only three manufacturers worldwide to manufacture this standardized high-performance connector (manufactured under license from Diamond SA, Losone). The optimum transmission properties of this push-pull connector are based on high-precision ceramic ferrules, adapted interfaces for improved insertion and return losses, and APC 8° ferrules for high-return loss requirements. High quality is guaranteed throughout. 100% of the assemblies are tested directly in the process. The self-closing screen not only provides protection against dust and damage, but also protects your maintenance personnel from high-energy laser light. R&M connectors comply with all the relevant European and international standards (CECC 86 275-801, CECC 86 275-802 and IEC 61 754-15).

- Injection-molded PBT housing, UL 94 V-0 (flammability index)
- Integrated, spring-loaded shutters for dust and scratching protection
- Long guiding section of connector body
- Split ceramic sleeve/phosphor bronze sleeve
- 1000 mating cycles (zirconia ceramic alignment sleeve)
- 500 mating cycles (phosphor bronze alignment sleeve)



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Scope of supply

- Adapter E2000™
- 2 Philips head screws M2 x 8, blue galvanized
- 2 mounted hexagonal nuts M2, blue galvanized

Technical Data

| Standardisation | UL listed |
|--------------------------------------|---|
| | IEC61754-15 |
| | DIN EN 186270 |
| Connector class | coupling Adapter |
| Number of connectors (A) | 1 |
| Connector type (A) | E2000 TM |
| Protection class (IP) connector (A) | IP 20 |
| Polishing connector (A) | APC 8° |
| Attenuation grade IL - connector (A) | C |
| Delta insertion loss | \leq 0.2 dB, testing method acc. to IEC 61300-3-4 |
| Mating cycles | min. 1000 |
| Pull-out force | min. 70 N |
| Connector color (A) | green |
| Sleeve material | ceramic |
| Adapter fastening method | end cap |
| Fiber type | Singlemode (SM) |
| Dimensions | 67.7 / 40 x 22 x 9.35 mm |
| Material | plastic: PBT, fiber-glass reinforced (halogen-free) |
| Manufacturer | R&M |

Product variants & accessories

| ArtNo. | Description |
|-----------|---|
| L-R846577 | E2000™ APC Simplex Adapter ceramic with flange, green, class C |
| L-R846580 | E2000™ PC Simplex Adapter ceramic with flange, blue/blue, class C |