

HF-OC2SA2SA Datasheet

The Camplex HF-OC2SA2SA is an inline coupler used to join Single Mode opticalCON DUO APC cables with minimal loss. Couplers feature an automatic shutter on the connector. Designed for harsh environments with a durable black powder-coated aluminum housing. Perfect for sports broadcasting, stadiums and more.

Features:

- Inline opticalCON Coupler with Minimal Loss
- Automatic sealing cover provides superior dust and dirt protection
- Durable Black Powder-Coated Aluminum Housing

Specifications:

Overall:

- **Dimensions:** 5.44" x 1.13" x 1.63"
- **Weight:** 5.9 oz

Mechanical:

- **Insertion force:** < 45 N
- **Withdrawal force:** < 45 N
- **Lifetime:** 5000 mating cycles
- **Locking device:** Push-Pull

Optical:

- **Insertion loss:** < 0.4 dB / connection

Electrical:

- **Contact Resistance:** < 7 mΩ
- **Dielectric Strength:** 1.5 kVdc
- **Insulation Resistance:** > 2 GΩ; (initial)

Material:

- **Contacts:** Bronze (CuSn6)
- **Insert:** Polyamide (PA 6, PBT 30 % GR, PBT 50 % GR)
- **Shell:** Zinc diecast (ZnAl4Cu1)
- **Shell Plating:** Black chromium
- **Split sleeve:** Ceramics

