

## HF-OC2S2SA Datasheet

The Camplex HF-OC2S2SA is an inline coupler used to join one Single Mode opticalCON DUO UPC cable and one Single Mode opticalCON DUO APC cable 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

