



NO2FW-XP

Female chassis connector with ruggedized anticorrosive plating, 4 crimp contacts, 1 XB2 feedthrough socket and 1 shell ground contact for SMPTE cable shield. Waterproof acc. to protection class IP68 in mated condition with sealing kit SCXP-F.

The chassis connector acts as a feedthrough allowing simplified installations by connecting a XB2 patch cable on the rear. The chassis cut-out has the same size as common standard broadcast cut-outs and is therefore simple to integrate into existing systems.

Additional dirt and dust protection: SCNO2FW-XP sealing cover.

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Features & Benefits

- ✓ Suggested OEM equipment connector with common broadcast cut-out
- ✓ Designed as feedthrough for easy repair and replacement
- ✓ Improved guiding nose for safe and correct connection
- ✓ Suitable for indoor (studio) and outdoor (OB-Truck) camera links according to SMPTE Standard
- ✓ Ruggedized and dirt protected hybrid feedthrough connection system
 - 1 MPO cut-out for XB2 patch cord
 - 2 signal contacts
 - 2 power contacts
 - 1 ground contact
- ✓ IP68 in mated condition with SCXP-F

Technical Information

| Product | |
|---------|----------|
| Title | NO2FW-XP |
| Gender | female |

| Electrical | |
|-----------------------|--|
| Contact resistance | < 7 mΩ |
| Insulation resistance | > 10 GΩ (initial) |
| Mains | 240V AC / 10A / 50Hz 120V AC / 10A / 60Hz 300V DC / 7A |
| Sense | 42V AC peak / 1-3A / ≤1kHz 60V DC / 1-3A |

| Mechanical | |
|--------------------|-----------------------------------|
| Insertion force | < 45 N |
| Withdrawal force | < 45 N |
| Lifetime (typ.) | 10'000 mating cycles |
| Locking force | 900 N |
| Locking device | Push-Pull |
| Mounting direction | Front mounting |
| Chassis shape | Common standard Broadcast cut-out |
| Wiresize (power) | max. 16 AWG |
| Wiresize (sense) | max. 24 AWG |

| Material | |
|---------------|---|
| Contacts | Brass |
| Insert | Polyetherimide and Polycarbonate (PEI+PC) |
| Shell | Zinc diecast and Polyoxymethylen |
| Shell plating | Nickel |

| Environmental | |
|-------------------|------------------|
| Temperature range | -40 °C to +75 °C |

| Optical | |
|-------------------|---|
| Insertion loss | Typ. 0.6 dB per connection / Max. 1.0 dB per connection |
| Optical connector | XB2 Feedthrough |