



Partners in Broadcast, Telecom & Satellite Solutions

Hybrid Break-Out Panel

SMPTE standard ST2091-1

Hybrid Fiber-Optic Connector & Electrical Break-Out Panel System

The need for rugged fiber optic connections continues to grow rapidly, driven by such technologies as ultra high definition (UHD) 4K or 8K television signals running at data rates of up to 24 Gb/s.

To accommodate these higher bandwidth signals, the Society of Motion Picture & Television Engineers (SMPTE) has standardized opticalCON® connectors as the rugged fiber optic interface for mobile high definition television broadcasting where robust and reliable solutions are required.*



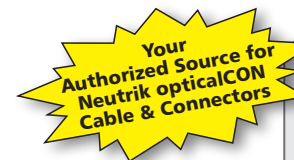
Shown with optional 3" [75mm] Cable Bar

Features

- Neutrik OpticalCON® Duo connectors for ultimate affordable reliability
- 10 Position panel configuration
- Numbered with designation
- Break-Out to LC or ST on rear panel
- Easy to install & configure cable
- 3" [75mm] Cable Bar option



Shown with rear ST fiber connectors & optional 3" [75mm] Cable Bar



- Ruggedized and dirt-protected 2-channel fiber optic connection system
- Cable connector features rugged metal housing and heavy-duty cable retention
- Automatic sealing shutter with silicone gasket to protect the LC's
- Dust and water resistant according to IP65 in mated condition
- Accommodates standard optical LC-Duplex connectors
- Field repairable
- Easy to clean, no special tools required



AT-MBFM-HCT3
TE 90759-1



AT-WPN-EXT
TE 189727-1

*Not compatible to SMPTE 304M standard. Suitable for indoor (studio) camera links considering specific conditions acc. to IEC 60664-1 like pollution degree 1, overvoltage category 1 and rated voltage.

Model Number WP - N110E1 - Ordering Information

Number of Jacks Across
10 1x10 Jacks

Installed Cable Bar Option
BZ No Cable Bar
B57 3" [75mm] Cable Bar

OpticalCON Style Panel Connector
N2 Neutrik NO2-4FDW-A OpticalCON Duo
N21 Neutrik NO2-4FDW-1-A OpticalCON Duo

Rear Fiber Connector
LC LC Simplex Singlemode, SC Footprint, Zirconia Sleeve
ST ST Simplex Singlemode, Metal Housing, Zirconia Sleeve
MMST ST Simplex Multimode, Metal Housing, Zirconia Sleeve



Ordering Information - Hybrid Fiber-Optic Connector & Electrical Break-Out Panel Accessories

Model	AVP P/N	Description
AT-WPN-MCK	908574	Mating Connector Kit, consists of 10 electrical mating connectors (TE 172168-1) and 50 socket crimps (TE 770988-1) Mini Universal MATE-N-LOK system
AT-WPN-HCT3	908846	Heavy Duty Hand Crimp Tool (TE 90759-1) for use with AT-WPN-MCK Mating Connector Kit
AT-WPN-EXT	908847	Tyco Extraction Tool (TE189727-1) remove pin & socket contacts from Uni. MATE-N-LOK



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