

HF-FUWPUW-G Datasheet

The Camplex HF-FUWPUW-G series of SMPTE 304M/311M outside broadcast camera cables features LEMO FUW and PUW connectors and the extra-flexible Gepco HDC920 9.2mm indoor/outdoor cable. Designed for High-Definition Camera-to-CCU interconnects in studio or remote environments. This series integrates a power line for the TV camera, a control line, and an optical fiber for video and audio transmission.

Features:

- Assembled with Premium Camplex Flexible Studio SMPTE 311M Cable & LEMO SMPTE 304M Connectors
- Meets or Exceeds SMPTE 304M/311M Standards
- Terminations by LEMO Certified Technicians
- Electrical assemblies 100% Tested for Continuity and Shorts
- Fiber Optic Assemblies 100% Tested for Attenuation and Back Reflection
- Rubber Dust Caps



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Specifications:

Gepco 9.2mm SMPTE 311M Hybrid Cable:

- **Nom. OD:** 0.36in (9.2mm)
- **Master Jacket Material:** Flexible TPE
- **Overall Shield Material/Coverage %:** TC Braid/95%
- **Fiber Type:** Single Mode
- **Fiber Core/Cladding (µm):** 9/125
- **Fiber Attenuation:** <0.70 dB/km @1310/1550nm
- **Signal Conductor DCR:** 23.8 Ω/Mft
- **Power Conductor DCR:** 9.7 Ω/Mft
- **Shield DCR:** 5.4 Ω/Mft
- **Insulation Resistance:** >10M Ω/km
- **Dielectric Strength:** 3000 Volts RMS @20°C, 60 Hz for 1 min
- **Operating Temperature:** -40°F to 167°F (-40°C to +75°C)

LEMO Connectors:

- **Number of Contacts (Low Voltage):** 2
- **Number of Contacts (High Voltage):** 2
- **Number of Contacts (Fiber Optics):** 2
- **Rated Current:** 10A
- **Vtest Power/Signal (AC):** 2250V, 1000V
- **Working Voltage Power/Signal (AC):** 600V, 42V
- **Locking System:** Push-Pull
- **IP Rating:** IP68
- **Lifetime:** 20000 mating cycles
- **Shielding (min):** 95 dB (10 MHz)
- **Shielding (min):** 80 dB (1 GHz)
- **Shock Resistance:** 100 g [6 ms]
- **Vibration Resistance:** 15 g [10 Hz - 2000 Hz]