HFCPU

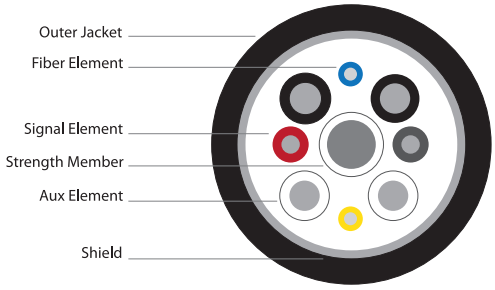
Heavy Duty 9.2mm SMPTE 311 Hybrid Fiber Camera Cable

- 9.2mm Low-Profile Diameter
- Extra-Rugged Polyurethane Jacket
- High Tensile Strength Tight Buffer
- SMPTE 311M-2009 Compliant
- Directional Arrow Printed on Jacket
- For Remote, ENG and Studio Use

Part Number: **HFCPU**
Description: Heavy Duty 9.2mm SMPTE 311M Hybrid Fiber Camera Cable

Materials & Dimensions

Fiber Elements	(2) 8.9u Single-Mode, 900u CPE Tight Buffer (one yellow, one blue)
Aux Elements	(4) 20AWG (19 x 32AWG) TC Conductors, PE Insulation .057" O.D. (two black, two white)
Signal Elements	(2) 24AWG (7 x 32AWG) TC Conductors, PE Insulation .044" O.D. (one red, one grey)
Strength Elements	(1) 16AWG Galvanized Steel (19 x 29AWG) (white)
Shield	95% TC Braid
Outer Jacket	Polyurethane, 9.2mm (.362") O.D.



Performance Characteristics

DC Resistance	Insulation Resistance	Dielectric Strength	Optical Attenuation	Bend Radius	Tensile Strength	Temperature Range	Weight
Aux: 9.6 Ω/Mft Signal: 23.5 Ω/Mft Shield: 5.2 Ω/Mft	Aux: >10M Ω/km Signal: >10M Ω/km	3000V RMS	<0.70 dB/km (1250nm-1625nm)	2.54"	700 N (min)	-40˚C to 75˚C	93 lbs/Mft

Clark Wire & Cable's HFCPU is a precision engineered SMPTE 311M cable designed for use in portable, studio or hostile environment applications. With two single-mode fibers for multiplexed video, audio and data, the HFCPU delivers exceptionally low-loss for HD camera to CCU interconnects. All copper conductors are insulated with a polyethylene dielectric for exceptional heat and current leakage resistance. For added durability, the two single-mode fiber elements are coated with a high tensile strength CPE tight buffer that achieves three times the tensile strength as compared to typical PVC tight buffer compounds. The outer jacket is made from a rugged polyurethane compound that is suitable for use in studio or outdoor environments.