CLARK™ WIRE & CABLE

Your Partner in Connectivity™

PRODUCT BULLETIN

#35102

HFCTP 9.2mm SMPTE 311 Hybrid Fiber Camera Cable

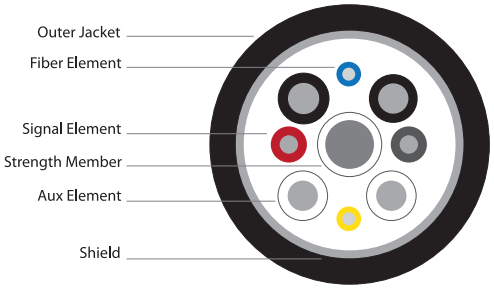
- 9.2mm low-profile diameter
- Extra-flexible & abrasion resistant
- High tensile strength tight buffer
- SMPTE 311M-2009 compliant
- Directional arrow printed on jacket
- For remote, ENG and studio use

Part Number Overview

Part Number: **HFCTP**
Description: 9.2mm SMPTE 311M Hybrid Fiber Camera Cable

Materials & Dimentions

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 MEMBER	(1) 16AWG Galvanized Steel (19 x 29AWG) (white)
SHIELD	95% TC Braid
OUTER JACKET	Abrasion Resistant, Extra Flexible TPE 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	91 lbs/Mft

Clark Wire & Cable's HFCTP 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 HFCTP 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 extruded from a flexible and abrasion resistant TPE compound that is suitable for use in studio or outdoor environments.

Suggested Connectors: Lemo FUW.3K.93C.TLMC96 (Plug) Lemo PUW.3K.93C.TLCC96 (Socket)