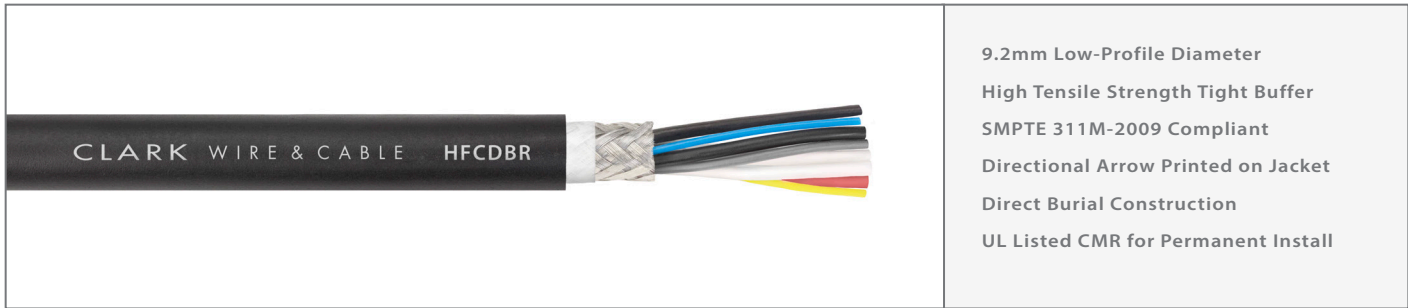


HFCDBR

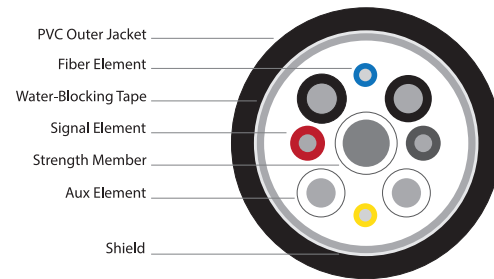
Riser Rated, Direct Burial 9.2mm SMPTE 311 Hybrid Fiber Camera Cable



Part Number: **HFCDBR**
Description: 9.2mm Riser Rated, Direct Burial 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 Member	(1) 16AWG Galvanized Steel (19 x 29AWG) (white)
Shield	95% TC Braid
Barrier	Water Blocking Tape
Outer Jacket	PVC 9.2mm (.362") O.D.



Performance Characteristics

DC Resistance	Insulation Resistance	Dielectric Strength	Optical Attenuation	Bend Radius	Tensile Strength	Temperature Range	Weight	UL Listing
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)	-20°C to 60°C	91 lbs/Mft	CMR

Clark Wire & Cable's HFCDBR riser rated, direct burial SMPTE 311M camera cable is a dual-purpose cable that can be installed underground and within most building structures. With two single-mode fibers for multiplexed video, audio and data, the HFCDBR 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 flame retardant PVC compound over a water-blocking tape that wraps around the inner core. This construction is both UL listed and provides an additional level of protection by absorbing moisture within the water-blocking tape in the event that the jacket is penetrated.