HFC3DB

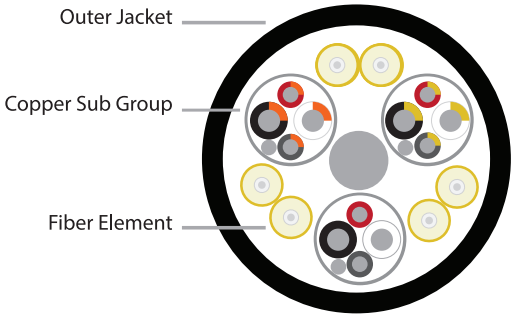
Three Channel Hybrid Camera Cable, Direct Burial

- Three Channel Hybrid Fiber Cable
- For SMPTE 304/311 Format Cameras
- Color Coded Copper Groups
- Numerically Printed Fiber Elements
- Water Blocking Tape Barrier
- Outer PE Jacket for Direct Burial

Part Number: **HFC3DB**
Description: Three Channel Hybrid Fiber Camera Cable, Direct Burial

Materials & Dimensions

Fiber Elements	(6) 8.9u Single-Mode, 3.0mm Simplex Fiber (Numbered 1 - 6)
Copper Sub-Groups	(3) Shielded Bundles that each consist of: 2 - 18AWG (19x30AWG) TC Conductors w/ .078" PE Insulation 2 - 24AWG (7x32AWG) TC Conductors w/ .044" PE Insulation 1 - 24AWG (7x32AWG) TC Conductor Drain Wire 100% Foil Overall Shield with Outer Mylar Coating
Filler	Solid PVC Central Filler
Barrier	100% Water Blocking Tape
Outer Jacket	PE, Black - .650" O.D.



Performance Characteristics

DC Resistance	Insulation Resistance	Dielectric Strength	Optical Attenuation	Bend Radius	Weight
18AWG (19x30): 6.0 Ω/Mft 24AWG (7x32): 23.5 Ω/Mft	>10M Ω/km	3000V RMS	<0.70 dB/km (1250nm-1625nm)	6.5"	195 lbs/Mft

Clark's HFC3DB is a composite cable that is specifically designed for the distribution of all the copper and fiber elements required for three SMPTE hybrid fiber camera positions within a single cable. Each shielded copper group contains two 18AWG auxiliary conductors and two 24AWG signal conductors with a drain wire for shield termination. The fiber elements consist of six individual simplex single-mode breakout cables that are numerically printed for identification. To enable installation in direct burial applications, the HFC3DB has a water blocking tape and a polyethylene outer jacket.

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