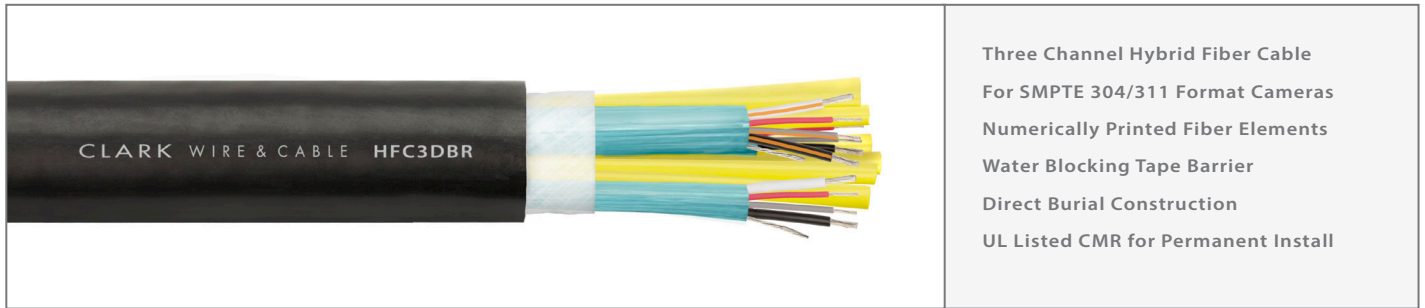


HFC3DBR

Three Channel Hybrid Camera Cable, Riser Rated Direct Burial



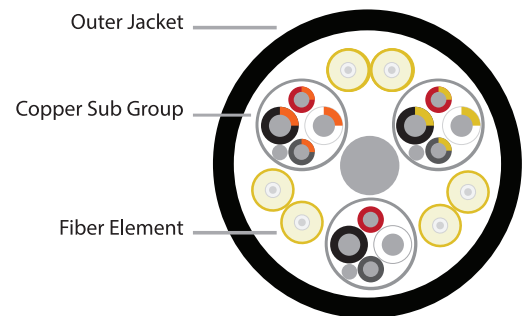
Three Channel Hybrid Fiber Cable
For SMPTE 304/311 Format Cameras
Numerically Printed Fiber Elements
Water Blocking Tape Barrier
Direct Burial Construction
UL Listed CMR for Permanent Install

Part Number: **HFC3DBR**

Description: Three Channel Hybrid Fiber Camera Cable, Riser Rated 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 | PVC, Black - .621" O.D. |



Performance Characteristics

| DC Resistance | Insulation Resistance | Dielectric Strength | Optical Attenuation | Bend Radius | Weight | UL Listing |
|--|-----------------------|---------------------|--------------------------------|-------------|-------------|------------|
| 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 | CMR |

Clark's HFC3DBR 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. 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.