HFC4DBR

Four Channel Hybrid Camera Cable, Riser Rated Direct Burial

Four Channel Hybrid Fiber Cable For SMPTE 304/311 Format Cameras

16AWG conductors for extended distance runs

Water Blocking Tape Barrier

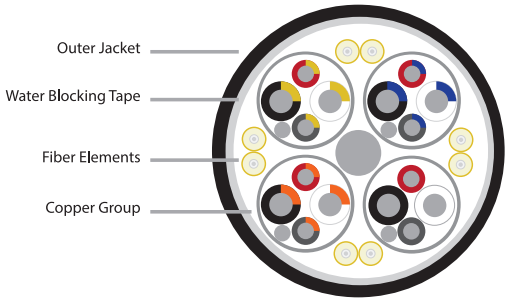
Direct Burial Construction

CMR Listed for Permanent Install

Part Number: **HFC4DBR**
Description: Four Channel Hybrid Fiber Camera Cable, Riser Rated Direct Burial

Materials & Dimensions

Fiber Elements	(8) 8.9u Single-Mode, 3.0mm Simplex Fiber (Numbered 1 - 8)
Copper Sub-Groups	(4) Shielded Bundles that each consist of: 2 - 16AWG (7x24AWG) TC Conductors w/ .090" 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 - .751" O.D. Nom.



Performance Characteristics

DC Resistance	Insulation Resistance	Dielectric Strength	Optical Attenuation	Bend Radius	Weight	Listings
16AWG (7x24): 4.35 Ω/Mft 24AWG (7x32): 26.25 Ω/Mft	>10M Ω/km	3000V RMS	<0.70 dB/km (1250nm-1625nm)	6.7"	295 lbs/Mft	C(ETL)US CMR UL 1666: CMR rating FT4

Clark's HFC4DBR is a composite cable that is specifically designed for the distribution of all the copper and fiber elements required for four SMPTE hybrid fiber camera positions within a single cable. Each shielded copper group contains two 16AWG auxiliary conductors for extended distances and two 24AWG signal conductors with a drain wire for shield termination. The fiber elements consist of eight 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 ETL listed and provides an additional level of protection by absorbing moisture within the water-blocking tape in the event that the jacket is penetrated.

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