

Hybrid Fiber Cable Assemblies

Features & Benefits

- Machine-polished Fiber Contacts
- Low Insertion & Return Loss
- Heat Resistant Insulation
- Steel Strength Member
- Flexible PVC or Polyurethane Jacket
- Kellem Cord Grip & Adapter (12mm versions)
- Metal Dust Caps
- SMPTE 311M & 304M Compliant

Applications

- High Definition Camera to CCU Interconnect
- Permanent Install
- Portable Use

SMPTE 311M, single-mode fiber optic and copper hybrid camera cable terminated with SMPTE 304M connectors for High Definition video camera to CCU interconnect.

Gepco HD hybrid fiber utilizes two single-mode fibers for high bit-rate data transmission and copper elements for auxiliary and signal electrical connections. Each fiber is coated with a special nylon-based compound (for three times the breaking strength as conventional coated fiber) and Kevlar wrapped with a PVC jacket for additional strength (12mm version). All Gepco HD camera cables also now feature a heat-resistant copper insulation material for more dependable performance in high temperature environments. Shielding and grounding from the camera to CCU is provided by a dense 95% tinned copper braid, while a flexible PVC or extra-rugged polyurethane jacket adds overall protection and durability. The face end of each F2 fiber contact in the connector is machine polished through a unique, multi-stage polishing process that achieves excellent optical clarity and alignment.



Assemblies & Specifications

Cable Type	Connectors	Standard Lengths	Available Cable Colors	Part #
9.2mm Hybrid Fiber Camera Cable				
<i>Extra-flexible PVC Jacket</i>				
HDC920	Lemo or Canare SMPTE 304M Hybrid Connectors with Metal Dust Caps	50', 100', 164', 250', 328', 500', 656'	Black	GHF92A-0-(length)-x-yy
9.2mm Hybrid Fiber Camera Cable				
<i>Permanent Installation, Riser Rated Jacket</i>				
HDC920R	Lemo or Canare SMPTE 304M Hybrid Connectors with Metal Dust Caps	50', 100', 164', 250', 328', 500', 656'	Black	GHF92B-0-(length)-x-yy
12mm Hybrid Fiber Camera Cable				
<i>Durable Polyurethane Jacket</i>				
HDC120P	Lemo 3K Series SMPTE 304M Hybrid Connectors with Custom Gepco Kellem Strain Reliefs & Metal Dust Caps	50', 100', 164', 250', 328', 500', 656'	Black	GHF12B-0-(length)

Part # Code
 x = Connector Brand (Blank = Lemo, C = Canare)
 yy = Bulkhead Gender (PB = Plug Bulkhead, SB = Socket Bulkhead, PSB = Socket and Plug Bulkhead)

Note: Cable is also available with bulkhead mount connectors. Consult factory for details.