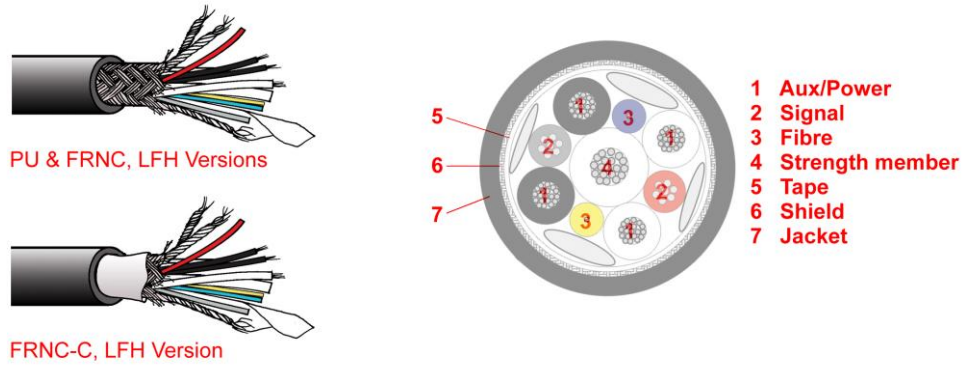


## DRAKA SMPTE311 FIBRE HDTV CAMERA CABLES



- 36-610 DRAKA SMPTE311 FIBRE HDTV CAMERA CABLE, PU
- 36-611 DRAKA SMPTE311 FIBRE HDTV CAMERA CABLE, FRNC, LFH, Eca
- 36-612 DRAKA SMPTE311 FIBRE HDTV CAMERA CABLE, FRNC-C, LFH, Cca(Available to special order)

### DRAKA SMPTE311 FIBRE HDTV CAMERA CABLES

A hybrid cable containing single-mode fibre optic and copper cores, meeting the SMPTE311M standard for HDTV camera connections. It handles video, audio and control signals plus powering between camera and base units. It is suitable for use with the special hybrid connectors produced by manufacturers such as Canare and Lemo. Various jacket options available. The robust but flexible polyurethane (PU) outer sheath version is suitable for OB and studio floor use, the low-smoke, halogen-free (FRNC), low fire hazard (LFH) version meets or exceeds IEC 60332-1, IEC 60754-2 and IEC 61034 for building installation.

#### Technical Specification:

- Auxiliary conductors:** Four cores 19/0.2mm (0.6mm sq.) tinned copper wire, insulated with HDPE, two black, two white.
- Signal conductors:** Two cores 7/0.2mm (0.22mm sq.) tinned copper wire, insulated with HDPE, red, grey.
- Fibre optic cores:** Two cores single-mode fibre 9.5 micron diameter, cladding 125 micron diameter, with UV-cross-linked acrylate coating and 0.9mm diameter thermoplastic outer; blue, yellow.
- Strength member:** One galvanised stranded steel wire reinforcement (1.22mm sq.), insulated with HDPE (2.1mm diameter), laid centrally.
- Lay-up:** Conductors and fibre laid up around steel wire, packed with fibrilated polypropylene, wound overall with paper tape. Tinned copper wire braid screen, 95% optical coverage.
- Working temperature:**
- |  |        |                  |
|--|--------|------------------|
|  | 36-610 | -40° C to +70° C |
|  | 36-611 | -25°C to +70°C   |
|  | 36-612 | -20°C to + 70° C |
- Min Bend Radius:**
- |  |                 |      |
|--|-----------------|------|
|  | 36-610          | 65mm |
|  | 36-611 & 36-612 | 90mm |
- Outer Jacket:**
- |  |   |   |
|--|---|---|
|  | 36-610 Polyurethane                                   | 9.2mm OD, black.                              |
|  | 36-611 FRNC Low Fire Hazard (CPR Classification Eca)  | 9.2mm OD, black.                              |
|  | 36-612 FRNC-C (IEC60332-3-24, CPR Classification Cca) | 9.2mm OD, black, (additional PET/foil layer). |
- Weight:**
- |  |                 |             |
|--|-----------------|-------------|
|  | 36-610 & 36-611 | 11.5kg/100m |
|  | 36-612          | 13.8kg/100m |
- Reel length:** 500 metres
- Cut lengths:** Available in any multiple of 1 metre
- Ordering note:** Canford offers an in-house, fibre termination service see <https://www.canford.co.uk/SMPTE-HDTV-camera-cable-assemblies>

‘LFH’ is a registered trademark of Canford Audio PLC.

