

# FIS BLUE SMPTE 311M CABLE

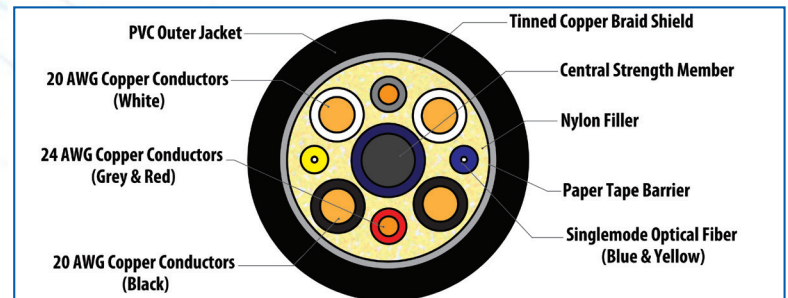


Built to the SMPTE 311M spec, FIS Blue offers a range of cabling options for the HDTV industry. The cables consist of two singlemode optical fibers, four 20 AWG and two 24 AWG tinned copper conductors cabled around a steel strength element with an overall tinned copper braid. The FB-SMPTECABLE is the most popular version of SMPTE and is used in our standard cable assemblies. This general purpose cable is used for studios, patching and light to medium field use. A flexible TPE blend jacket allows for ease of use within the studio.

The FB-SMPTECABLE-UL cable is the same design as the FB-SMPTECABLE cable except that it has a UL rating and can be installed in riser runs. This cable is suitable for the same type of use as the FB-SMPTECABLE.

For extreme outdoor needs, FIS Blue offers the FB-SMPTECABLE-OUT cable. This cable utilizes a heavy duty polyurethane jacket. The jacket is very resistant to scrapes and abrasion.

The Slim-Tac SMPTE Cable, FB-SMPTECABLE7, has a 7.0mm O.D. and utilizes a polyurethane jacket. The reduced O.D. and tough but flexible jacket make it an ideal cable for applications where the camera is moving along a track or in a jib.



- Black & White Conductors:** 20 AWG Tinned Annealed Copper; OD: 0.040" (1.00mm), Insulation OD: 0.060" (1.53mm)
- Red & Grey Conductors:** 24 AWG Tinned Annealed Copper; OD: 0.024" (0.60mm), Insulation OD: 0.044" (1.12mm)
- Optical Fiber:** Singlemode w/ High-Strength Buffer; OD: 0.0098" (0.250mm), Buffer OD: 0.035" (0.90mm)
- Strength Member:** 1/16" Stranded, Insulated Stainless Steel; OD: 0.083" (2.1mm)

## SPECIFICATIONS

Temperature Rating	-60C to +70C
Humidity Rating	0% to 95%
Braid Shield DCR	<20 Ohm/km maximum (6.0 Ohm/kft) @ 20C
Cable Weight	87.6 lbs/Mft, nominal (129.5 kg/km)
Performance	Cable designed per SMPTE Standard: 311M-1998 (old S17.441)

## ORDERING INFORMATION

FB-SMPTECABLE	FIS Blue 9.2mm Flexible Studio SMPTE 311M Cable
FB-SMPTECABLE-UL	FIS Blue 9.2mm UL Riser-Rated SMPTE 311M Cable
FB-SMPTECABLE-OUT	FIS Blue 9.2mm Polyurethane Extreme Outdoor SMPTE 311M Cable
FB-SMPTECABLE7	FIS Blue 7.0mm Polyurethane Slim-Tac SMPTE311M Cable

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