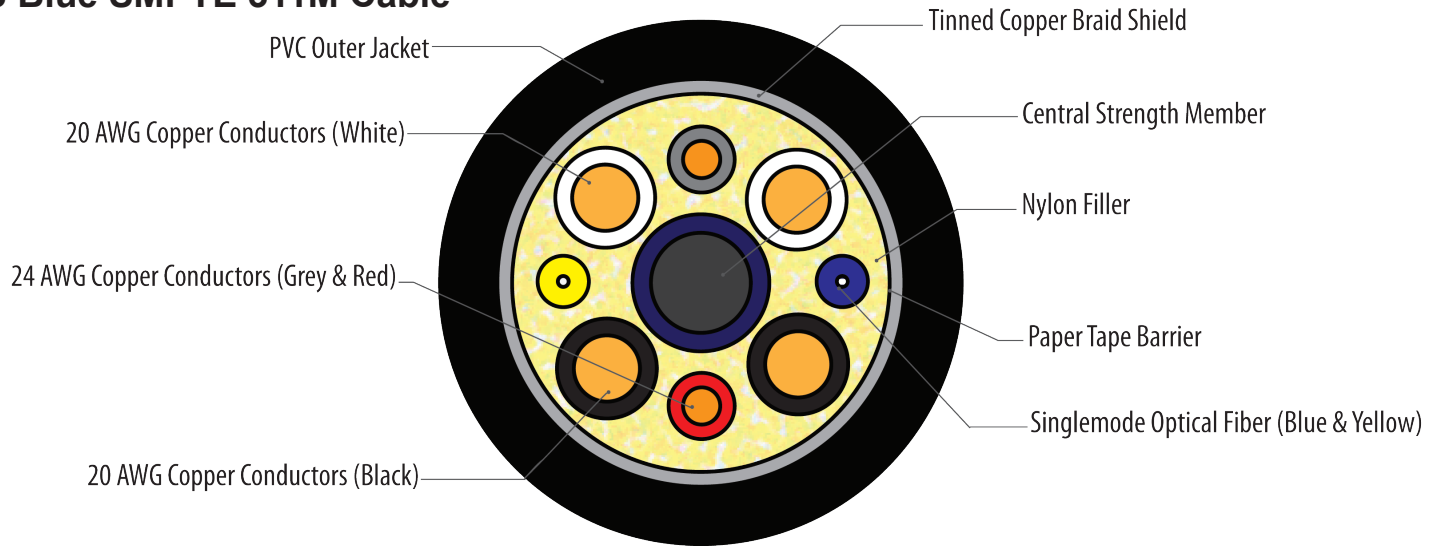


FIS Blue SMPTE 311M Cable



- **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)

Key Features:

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.

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

Part Number	Description
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

FIS Blue has partnered with LEMO to offer SMPTE 304M cable assemblies. LEMO connectors are constructed of a high quality durable stainless steel. All inline LEMO stainless steel connectors come standard with a rugged, full-length rubber strain relief boot to prevent damage when being used in the field. All assemblies are custom made to order in any length. Since FIS Blue has decades of experience terminating fiber optic connectors, customers can be sure they are receiving the highest quality cable assemblies. LEMO connectors can be mounted to any of the SMPTE cables that FIS Blue offers.