Overview

Flat cables provide several benefits including weight reduction, space efficiency, flexibility and strength. The following Flat Cables are available to purchase from AMX:

CBL-HDMI-FL-16: HDMI Flat Cable

CBL-HDMI-FL-16 Cable Specifications	
FG#:	FG10-2180-16
Cable Length	16.4 ft (5m)
Connectors:	• SOURCE: HDMI (male) - connects to the source device. • DISPLAY: HDMI (male) - connects to the display device. • Molded Strain Relief
Data Rate:	10.2 Gbps
Signal Support:	1920×1080P @ 120
Refresh:	120 Hz
Color:	48 Bits (16 bits per color)
Supported Features:	Deep Color, 3D, HEC, ARC
Plating:	24K Gold

CBL-DP-FL-16: DisplayPort Flat Cable

CBL-DP-FL-16 Cable Specifications	
FG#:	FG10-2181-16
Cable Length	16.4 ft (5m)
Connectors:	• SOURCE: DisplayPort (male) - connects to the source device. • DISPLAY: HDMI (male) - connects to the display device. • Molded Strain Relief
Data Rate:	10.2 Gbps
Signal Support:	1920×1080P @ 120
Refresh:	120 Hz
Color:	48 Bits (16 bits per color)
Supported Features:	Deep Color, 3D
Plating:	24K Gold

Directional Cables

The **CBL-HDMI-FL-16** and **CBL-DP-FL-16** cables are *directional (FIG. 1)*:

The connector labeled **SOURCE** must be connected to the source device (example: Blu-ray player) and the other connector labeled **DISPLAY** connects to the display device (example: HDTV monitor).
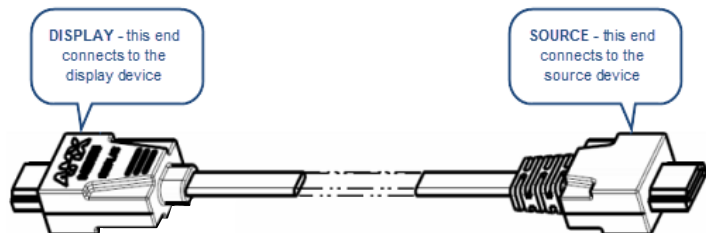

FIG. 1 Directional flat cable

Directional Cables: Notes

• Use of an extension cable on either end of the CBL-HDMI-FL-16 and CBL-DP-FL-16 cables should be avoided, or performance issues may result.

• Connecting the cable backwards, with the connector labeled "DISPLAY" into the video source, will not damage the equipment. However when incorrectly installed, the cable will not transmit a signal.

CBL-RGB+A-FL-16: RGB-Audio Flat Cable

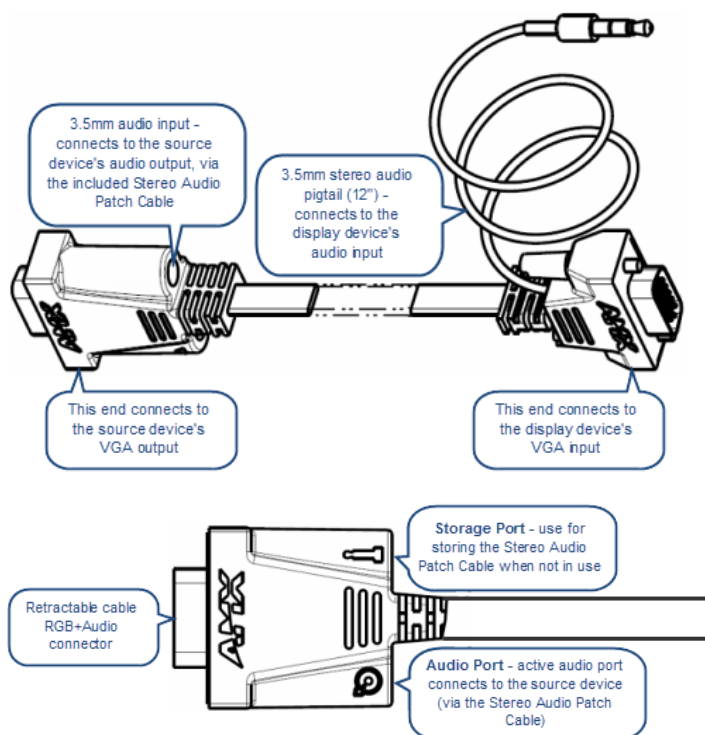| CBL-RGB+A-FL-16 Cable Specifications	
FG#:	FG10-2183-16
Cable Length	16.4 ft (5m)
Connectors:	• SOURCE: 15-pin HD VGA (male), with two 3.5mm ports (female): The port labeled with the **Speaker** icon connects to the source device, via the separate (included) *Stereo Audio Patch Cable.* The port labeled with the **Plug** icon is *inactive* - use this port to store the *Stereo Audio Patch Cable* when not in use. See FIG. 2 for details. • DISPLAY: 15-pin HD VGA (male), with a 3.5mm Stereo pigtail (male) - connects to the display device. The pigtail is 12" (30.5cm) long. • Molded Strain Relief
Included:	3.5mm Stereo Audio Patch Cable (18" / 45.7cm)

FIG. 2 RGB + Audio flat cable and SOURCE connector details

Use the separate 3.5mm *Stereo Audio Patch Cable* (included) to connect to the audio output on the Source Device.

CBL-ETH-FL-16: Ethernet Flat Cable

CBL-ETH-FL-16 Cable Specifications	
FG#:	FG10-2182-16
Cable Length	16.4 ft (5m)
Connectors:	• RJ45 (male, both ends) • Molded Strain Relief
Category:	CAT 5e
Wiring:	• 26 AWG • 4 twisted pairs • Single-core

Additional Documentation

Refer to the *Products > Architectural Connectivity* catalog page on **www.amx.com** (*Dealer Site*) for additional product documentation.

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