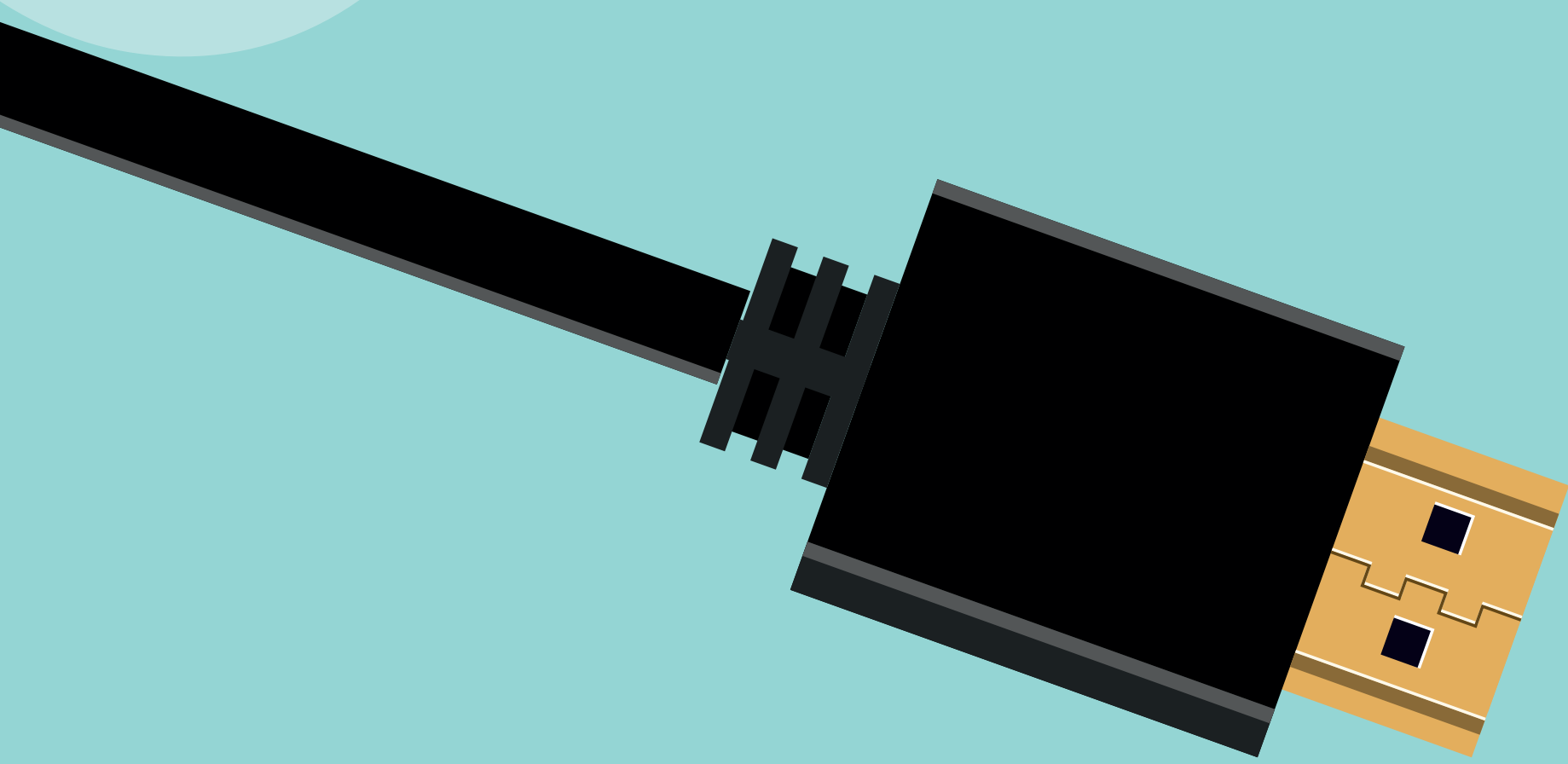


HDMI FACTSHEET

What is HDMI?

HDMI (High-Definition Multimedia Interface) is the technology used to connect HD devices, such as cameras and game consoles, to any device that is capable of receiving an HD signal, for example, a TV. An HDMI connection can deliver a crystal-clear viewing experience without sacrificing sound quality.



What is the maximum length of an HDMI cable?

Several factors influence the maximum length of an HDMI cable. Every connection added to the HDMI cable degrades the signal; to avoid loss of signal restrict the number of connections added to as few as possible. The media input can also influence the maximum length of an HDMI cable, as the higher the media input definition, the shorter the cable will be before the loss of signal occurs.

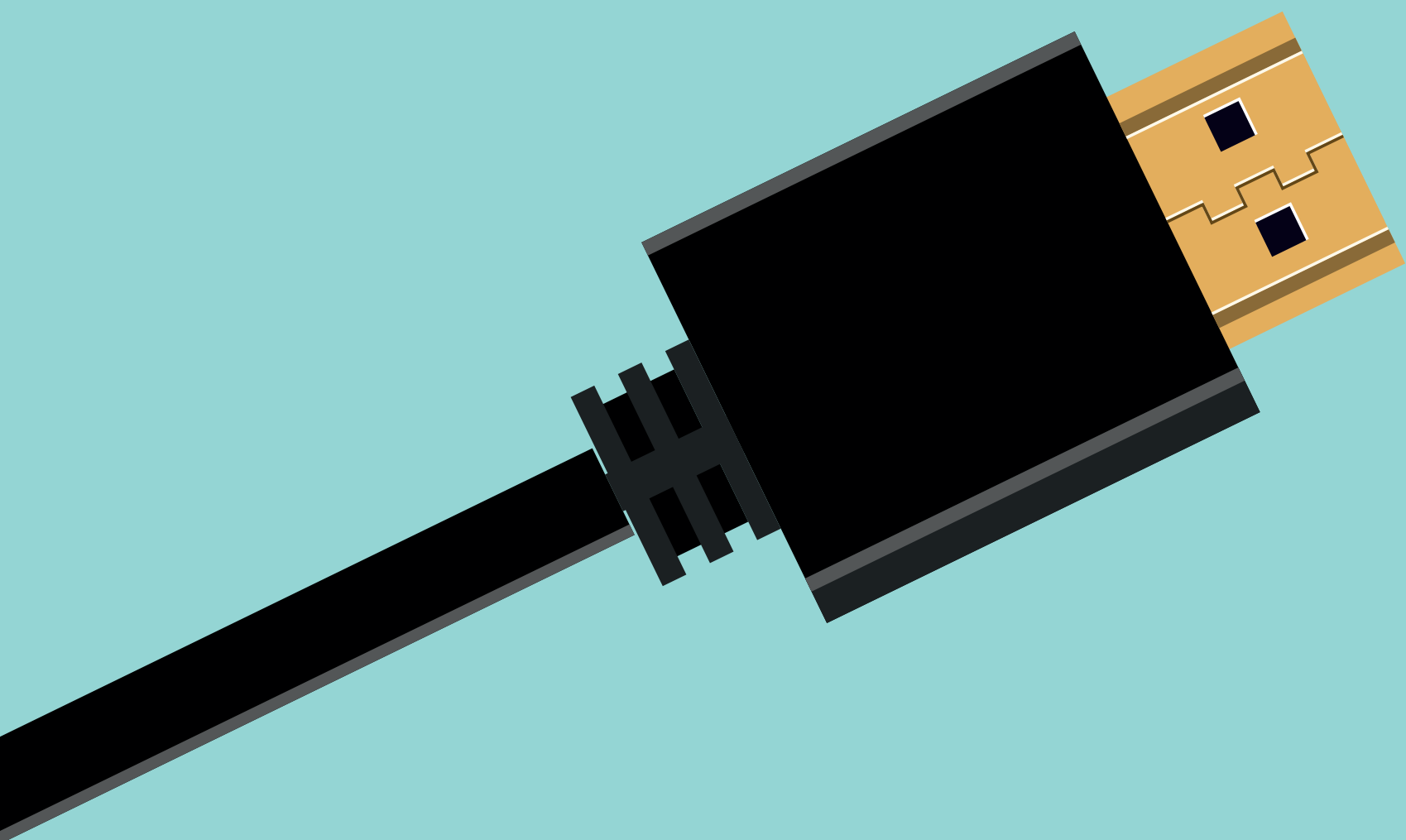
What type of cable does OE Electrics use?

Here at OE, we exclusively use High Speed (category 2) HDMI cables, which can perform at speeds of 340Mhz, or up to 10.2Gbps.

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What type of cable does OE Electrics use?

Because of the associated issues with long cables, we supply cables in 1.8m, 3m, and 5m, this allows for the length of other cables within the installation. Should you require a longer cable then we can provide an HDMI extension, that connects to the end of the standard cable via a coupler. This solution will allow you to install a repeater if required to improve the HDMI signal.



What about HDMI repeaters?

An HDMI Repeater extends the length of any HDMI cable by regenerating the HDMI signal. A repeater should clean the digital noise from the picture, however, cheaper repeaters may amplify any existing interference.

Why is this more restricted than VGA?

Both HDMI and VGA were not designed to travel down long lengths of cable as the signals degrade. VGA is an analogue system therefore when the signal deteriorates, you will be left with a fuzzy picture. Whereas, HDMI is digital which results in a complete loss of picture when the signal is lost, instead of a fussy image produced by VGA.