

Ref: TT0020 V1.1 **Backeye®360 AHD Maximum Extension Cable Lengths**

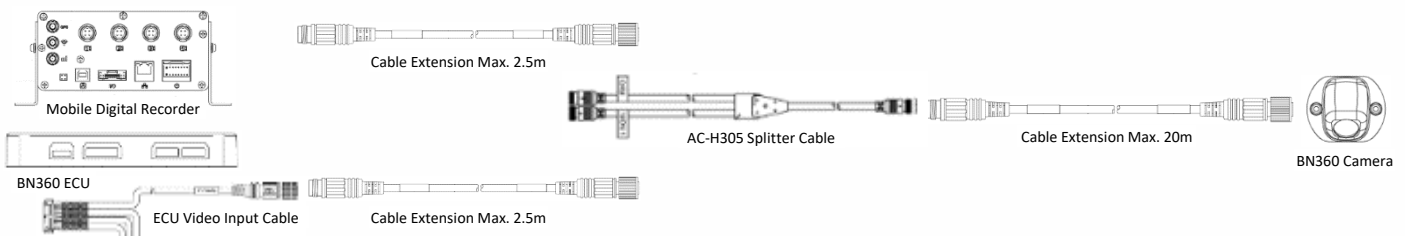
### Related Products – Backeye®360 BN360-300 (5800 & 5800A)

When connecting the extension cable directly between the BN360-300 camera and the Electronic Control Unit (ECU), the maximum cable length should not exceed 25m. This can be multiples of upto 25m, for example 1 x 15m and 1 x 10m. Although, it is recommended the minimum number of connectors are used to ensure the image quality is maintained.

The table shows the different cable lengths with model and part numbers, together with the associated tolerances

MODEL NO.	PART NO.	LENGTH	TOLERANCE
BN360-H320	5809	20M	-200/+800mm
BN360-H315	5810	15M	-200/+800mm
BN360-H310	5811	10M	-100/+600mm
BN360-H305	5812	5M	-100/+400mm
BN360-H3025	5813	2.5M	-100/+200mm

If connecting the Backeye®360 BN360-300 (5800A) to a Mobile Digital Recorder (MDR), using the Splitter Cable AC-H305 (6648), the maximum extension cable length should not exceed 20m, from the camera to the Splitter Cable. This can be a single 20m cable (recommended) or multiples of up to 20m, for example 1 x 15m and 1 x 5m, or 2 x 10m. Again, the minimum number of connectors should be used. The maximum cable length from the Splitter Cable to the MDR, and from the Splitter Cable to the BN360-300 (5800A) ECU Video Input Harness, is 2.5m. See image:



The maximum lengths are recommended to ensure the video signal does not degrade over the cable length, maintaining image quality.

*Note: Only part number 5800A is recordable.*

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