

## ADAPTIVE CRUISE CONTROL

ECCOSORB MMI-U, SF-U, BSR, MFPP120 AND MCSU

Collision warning systems in automobiles use a variety of sensors to monitor potential threats from the vehicle's environment and to alert the driver to conditions that could result in a collision.

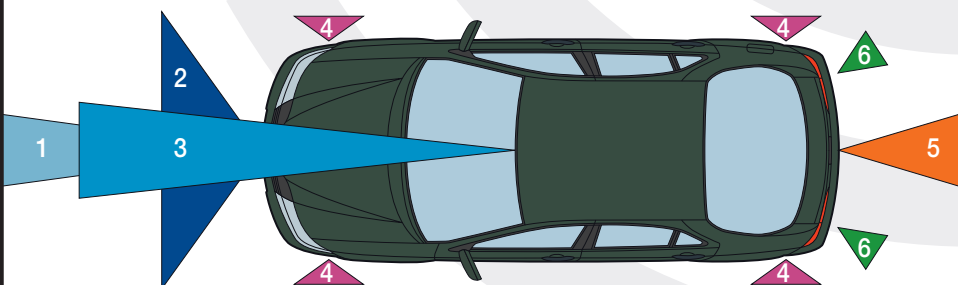
Many of these adaptive cruise control (ACC) systems use radar technology because radar signals allow precise distance and speed measurements as well as being effective in extreme weather conditions such as rain, fog and snow.

The side-angled radar and short range ACC operate at 24 GHz, and the long-range ACC at 77 GHz.

Emerson & Cuming MWP has successfully contributed to several ACC designs, and products such as ECCOSORB MMI-U, ECCOSORB SF-U, ECCOSORB BSR, ECCOSORB MFPP120 and ECCOSORB MCS-U have been proven to grant optimal system operation in all conditions.

### Security systems overview

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|--------------------------|------------------------|
| 1. Front-facing LR-radar | 4. Blind spot sensor   |
| 2. Front-facing SR-radar | 5. Rear looking radar  |
| 3. Lidar                 | 6. Parking aid sensors |



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