

# Automotive Grade Connectors

## Ethernet Connectivity Inside the Automobile

The automotive industry is moving swiftly to incorporate Ethernet signals and cabling to replace existing CAN bus signaling used today. Ethernet is faster in transmission speed and lighter in cable weight. The RJ45 connector offers a proven, reliable connectivity alternative to meet the transportation industry's increasing requirements. Stewart Connector's automotive grade passive RJ45 connectors are compatible with vibration and sealing requirements necessary to comply with SAE/USCAR2-6 standards.

## Features & Benefits

- LED and non-LED versions available
- 50u" of gold on the contacts
- Fully shielded connectors
- Capable of supporting high temperature applications with an operating temperature of 100°C
- RoHS compliant

## Applications

- Radar based driver assistance systems
- Driver-assist cameras
- Media converters and gateways

## Part Numbers

| Part Number  | Orientation | Performance       | Temperature Range | LED's |
|--------------|-------------|-------------------|-------------------|-------|
| SS-60400-001 | Vertical    | 1G, 2.5G, 5G, 10G | -40C° to 100°C    | Yes   |
| SS-60300-011 | Horizontal  | 1G, 2.5G, 5G, 10G | -40C° to 100°C    | No    |
| SS74800-132F | Horizontal  | 1G, 2.5G          | -40C° to 100°C    | Yes   |
| SS71800-121F | Horizontal  | 1G, 2.5G          | -40C° to 100°C    | No    |



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