

HSD Connector and Cable Assembly Solutions



High Speed Data Connectivity for Automotive and Industrial Applications

ATTEND's HSD solution is a high-performance, fully shielded interconnect system for high-speed data. It supports LVDS, Ethernet, and USB protocols, providing excellent protection against crosstalk and interference. Featuring 100 Ω fully shielded connectivity, it can be paired with shielded twisted quad cables for robust and reliable signal transmission.

PROTOCOL COMPATIBILITY

- LVDS
- Ethernet
- USB 2.0, 3.2 Gen1 (5Gbps)
- IEEE 1394
- GMSL

APPLICATION

















- Infotainment System
- Instrument Cluster
- Rear View, Surround View, Side Cameras
- Rear Seat Entertainment
- USB Hub Expansion
- Telematics / TCU
- Audio Systems



FEATURES

- Supports High-speed differential transmission, suitable for LVDS, USB 2.0, IEEE 1394 and Ethernet.
- Meets USCAR-2, USCAR-17 and IEEE 1394 standards.
- Robust plastic housings provide high resistance to harsh automotive environments.
- Multiple mechanical codings prevent mismatching and enable easy identification.
- Provides superior EMI/RFI protection in electrically noisy environments.
- Operating Temperature Range: -40°C to +105°C

Keying Codes and Colors

Keying Code	Plug	Jack	RAL No. Color	Keying Code	Plug	Jack	RAL No. Color
A			9005 Jet Black	E			6002 Leaf Green
B			9001 Cream	F			8011 Nut Brown
C			5005 Signal Blue	Z			5021 Water Blue
D			4004 Claret Violet				

PLUG SERIES

Part No.	Description	Code Available
231A-PSX00	HSD Plug, Straight Type	X=A,B,C,D,E,F,Z
231A-POX00	HSD Plug, R/A Type, NOSE 12 O'clock	X=A,B,C,D,E,F,Z
231A-P6X00	HSD Plug, R/A Type, NOSE 6 O'clock	X=A,B,C,D

CABLE ASSEMBLY SERIES

Part No.	Description	Code
HSD-1J1J-100Z01	HSD Jack to Jack Cable, 1x1, Straight, L=100 CM	Z to Z