Flat cable assemblies for AUTOMOTIVE

- Car radio
- Navigation system
- CD player
- Multimedia equipment
- Instrument panel
- Rotary switch connector
- Headliners
- Door panel
- Floor

www.axon-cable.com • www.lvds-connectors.com

CONTACT & VISIT AXON’ WEBSITES
**FLAT FLEXIBLE CABLES**

**FFC - Flat Flexible Cables**
- Designed for board-to-board interconnections.
- Made up of flat conductors insulated with Polyester or Polyimide tapes, from 0.30 to 1.25 mm pitch.
- Custom-designed FFC with folds, shields, notches, punchings, slittings, markings or special mounting brackets.

**HIGH TEMPERATURE FLAT FLEXIBLE CABLES**
Extruded thermoplastics insulation suited for engine cell applications:
- Temperature resistance: 125°C.
- High flexibility: 1.5 million bending cycles.

**LOW WIDTH AND LOW NOISE FLAT CABLES**
- Flat copper conductors with a Polyester insulation for soldering and welding.
- Low width due to a single laminate system: less space.
- Reduced friction due to rounded external profile: less noise in the rotary coupler.
- Custom-designed non insulated areas.

**PUNCHED FLAT FLEXIBLE CABLES**
- Punched FFC for a lot of connector types.
- Punching facilitates positioning of the cable in the equipment and polarisation.

**GOLD PLATED FLAT FLEXIBLE CABLES**
A fine gold coating on the exposed ends guarantees a good connection. AXON® can offer stripped gold tipped flat cables in different pitches compatible with a large range of gold contact connectors.

**FFC WITH SMT**
- Bulk flat flexible cables.
- Flexible cable to integrate electronic components such as LEDs for lighting applications.

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**FLAT CABLE ASSEMBLIES**

**FLAT CABLE HARNESSES**
- For airbag rotary connectors.
- Custom-designed protective moulded and overmoulded flat assemblies.

**FDC - Flat Display Connections**
- Designed for board to display interconnections.
- Made up of standard FFC and connectors such as DF-9, DF-19, FI-SE or FI-X at one or both ends.
- Available pitches: 0.50mm, 1.00mm, 1.25mm.

**HIGH DATA RATE FLAT ASSEMBLIES**
- 100Ω shielded FFC for FI-R connectors: 21, 31, 41 and 51 ways.
- For full HD televisions and HD ready displays based on the LVDS (Low Voltage Differential Signalling) and V-by-One® HS standard.