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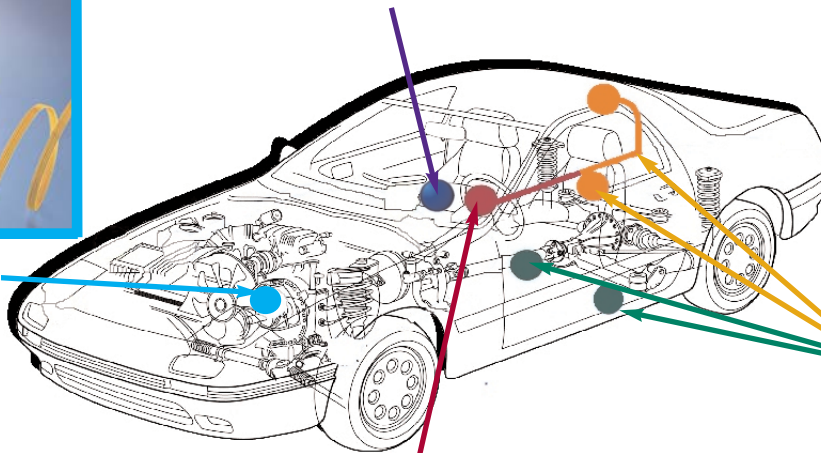
CABLE & INTERCONNECT



**INSTRUMENT PANEL, CAR RADIO, GPS, CD
PLAYER, MULTIMEDIA EQUIPMENT**



ENGINE



**DOOR
HEADLINER,
FLOOR
SEATS**

**AIRBAG
CLOCKSPRINGS
SRC**



Flat Flexible Cables & Harnesses



FOR AUTOMOTIVE ELECTRONICS

As the number of electronic components used by car manufacturers increases, so does the issue of space. Using flat conductors with the equivalent cross section of traditional round cables can save up to 30% of both space and weight, leaving more room in the vehicle cell.

AXON's flat cable ranges focus on automotive wiring for use in instrument panels, headliners, floors, seats, air bag systems and door panels.

Product range

AXOJUMP® and AXOJUMP® EMC : Flexible Flat Cables (FFC)

Construction : Cut-to-length, pre-stripped and reinforced flat cables for board-to-board connections.

Flat tin-plated copper conductors - standard pitches : 0.3 mm - 0.5 mm to 2.54 mm.

Polyester insulation.

360° shielding possible : aluminium foil ; shield connection on one or several conductors ; shielding by painting for small series.

Connection : ZIF/LIF connectors, direct soldering, crimp contacts.

Main benefits : Low profile, excellent flexlife.

Possible automotive applications : Car radio, navigation system, CD player, multimedia equipment, instrument panels.



AXOLINK® : Flat Display Connection (FDC)

Construction : 0.5 mm pitch AXOJUMP® FFC.

31, 41 or 51 positions.

VESA, FDPI-1 Interface.

Connection : HIROSE DF-9 / DF-19 or JAE FX / FI-X interface or ZIF interface.

Main benefits : Low profile ; compatible with most standard flat panel displays.

Possible automotive applications : Navigation systems, multimedia equipment.



PICOLINE® : Low width flexible flat cables

Construction : Flat copper conductors - custom pitch.

Polyester insulation.

Connection : Soldering, welding.

Main benefits : Low width = less space.

Reduced friction due to rounded external profile = less noise in the rotary coupler.

Window cuts possible.

Possible automotive applications : Mainly rotary switch connectors.



AXOLINE® : Bulk flat cables

Construction : Flat copper conductors of different widths and thicknesses.

Thermoplastic insulation or polyester insulation.

Connection : Soldering, welding, crimping.

Main benefits : Excellent humidity resistance and lower cost.

Suited for higher current applications (up to 10 A).

Strippable, suitable for purchase by the reel.

Improved temperature performance (80° to 110°C).

Possible automotive applications : Instrument panels, headliners, door panels, floor, motor hood.

