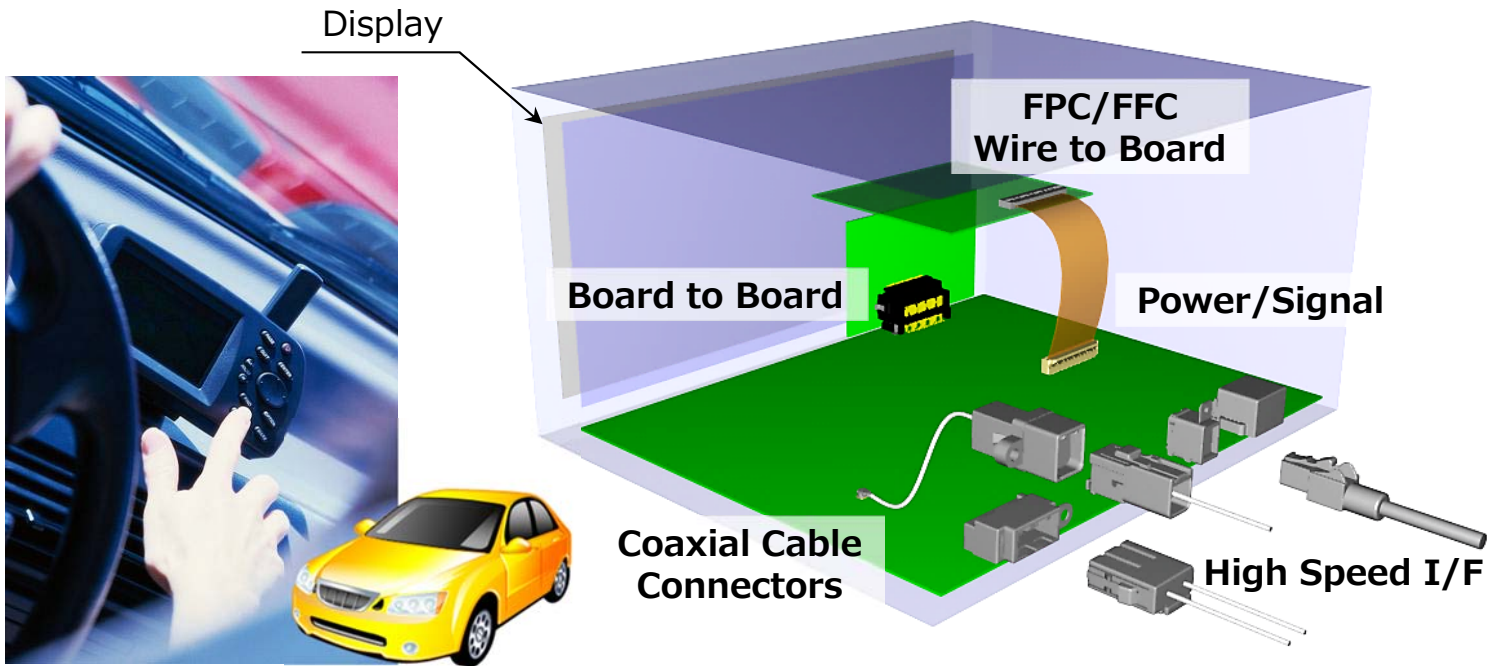


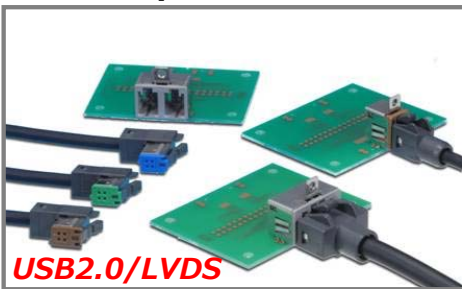
# Car Audio/Infotainment System Connector Lineup

Hirose Electric, a world leader in the development of innovative electronic connectors over the last 70 years, offers a number of different connector solutions for car audio and infotainment system need. For details on these products and to view our full line of connectors, please visit our website.



## High Speed Interface Connectors

### GT17H/GT17HN



**USB2.0/LVDS**

Supports USB2.0/IEEE1394/LVDS/GVIF signal transmission, Up to 1Gbps  
DIP type  
Right angle/straight

### GT32

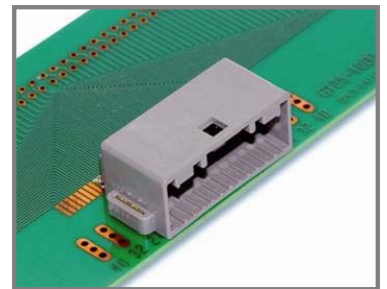


**HDMI/USB3.0/LVDS**

4pos.: LVDS (up to 3Gbps)  
10pos.: USB3.0 (up to 5Gbps)  
19pos.: HDMI1.4 Type E signal transmission (up to 2Gbps)  
Dip type  
Right angle/straight

## Power/Signal Connectors

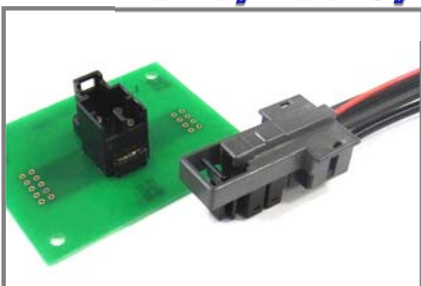
### GT25



Tab size: 0.25/0.64  
Pin counts: 8-40pos.  
Rated current: 3A  
SMT type  
Right angle/straight

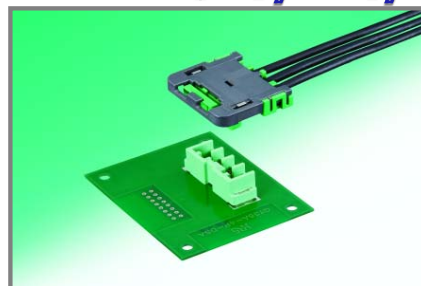
## Coaxial Cable Connectors for Antenna

### GT36 GPS/Radio/TV



One step connection  
Small size  
Multiple coaxial cables to PCB  
Frequency: DC to 2.5GHz

### GT36A GPS/ETC/TEL



Low profile  
Small RF connector  
Frequency: DC to 5.9GHz  
DIP type

### GT36S GPS/Radio



One-step crimp termination  
Small size  
Frequency: DC to 3GHz  
DIP type



**FX23**

Pitch: 0.5mm  
 Height: 15-30mm  
 High speed transmission (8Gbps)  
 Floating: ±0.6mm  
 Vertical/right angle connection



**FX20**

Pitch: 0.5mm  
 Height: 15-30mm  
 Floating: ±0.6mm  
 Vertical/right angle connection



**DF12**

Pitch: 0.5mm  
 Height: 3.0-5.0mm  
 Depth: 4.6mm  
 Pin counts: 10 to 80pos.



**DF40GL**

Pitch: 0.5mm  
 Height: 1.5mm  
 Depth: 3.68mm  
 Pin counts: 44pos.

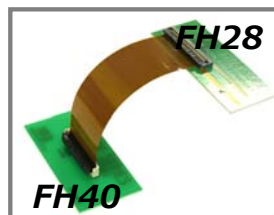
## FPC/FFC Connectors



**FH63**



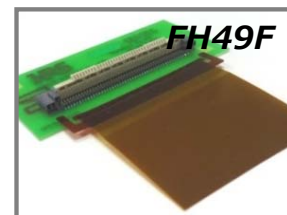
**FH52E/  
FH52K/  
FH52T**



**FH40**



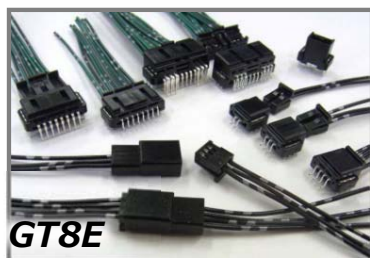
**FH28  
FH41  
FH48**



**FH49F**

	FPC/FFC	Pitch (mm)	Height (mm)	Depth (mm)	Pin counts	Remarks
<b>FH63</b>	FPC/FFC	0.5	2.8	5.15	20-60	Bottom, One action
<b>FH52E/K/T</b>	FPC/FFC	0.5	2.0	5.7	4-68	Bottom
<b>FH40</b>	FPC/FFC	0.5	5.8	3.55	10-80	Vertical
<b>FH28</b>	FPC/FFC	0.5	2.55	6.4	10-80	Bottom
<b>FH48</b>	Shielded FFC	0.5	6.18	4.7	20-68	Vertical
<b>FH41</b>	Shielded FFC	0.5	2.5	6.2	10-80	Bottom
<b>FH49F</b>	FPC	0.4	4.0	6.45	96	Bottom

## Wire to Board Connectors



**GT8E**

Pitch: 2.0mm  
 AWG: 20 to 28  
 Pin counts: 20-24  
 DIP/SMT type  
 Straight/right angle

## Coaxial Cable Connectors for Antenna



**U.FL**

Frequency: DC to 6GHz  
 V.S.W.R.: 1.4 Max.  
 Mated height: 2.0/2.5mm

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 (Shenzhen) TEL: +86-755-8207-0851  
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<https://www.hirose.com/>



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