PRODUCT INFORMATION
FOCAL INSIDE CABLE

JUNE 2020

FOCAL®
LISTEN BEYOND

DEDICATED CABLES CONCEPT

Focal has developed a dedicated line of cables for our compact amplifiers, to simplify the installation of audio solutions Focal Inside Plug and play as much as possible.
In an "OEM" philosophy our cables are built in the same materials and connectors as what we develop on our OEM partners.
Our wide range of Focal Inside cables will allow you to respond to all audio configurations.
saving you a lot of time.

Fit 9.660

Impulse 4.320

FOCAL® *INSIDE*

Dedicated cables line

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Cables line explication

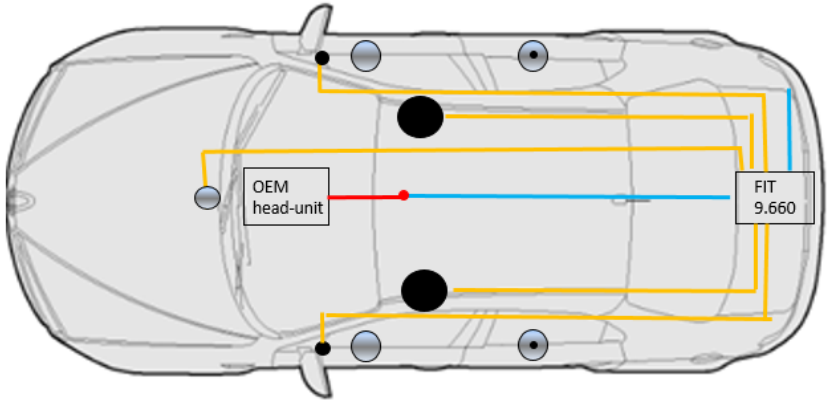
Cables divided into **3** families:

Iso Harness, Extension Cables for impulse 4.320 or Fit 9.660 and Speakers output cables for Fit 9.660.

Harness ISO : Made for each brand, to connect to head unit and take audio signal.

Extension cables : to connect ISO Harness to amplifiers.
Take the signal, the booster, and send it to the speakers on doors by the original car cables.

Speakers cables : To connect the amp Fit 9.660 to active speakers.
Sends the signal managed by the dsp to each dedicated speakers.



Head unit Harness Y / ISO

Extension Cable connection In / Out

Connection speakers Out

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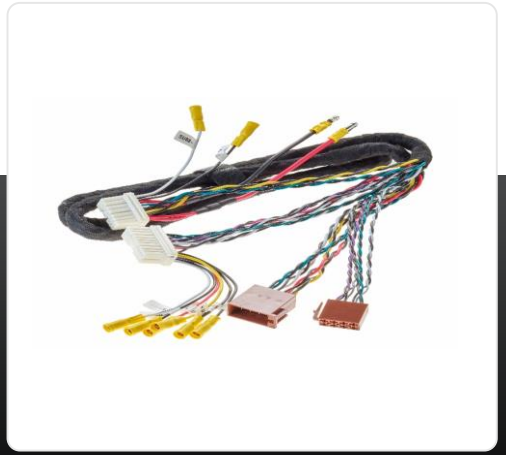
3 Families cables

1/ Y ISO Harness

2/ Extension cables



3/ Speakers connexion

1 / Y ISO HARNESS

IW – XXX – Y – ISO

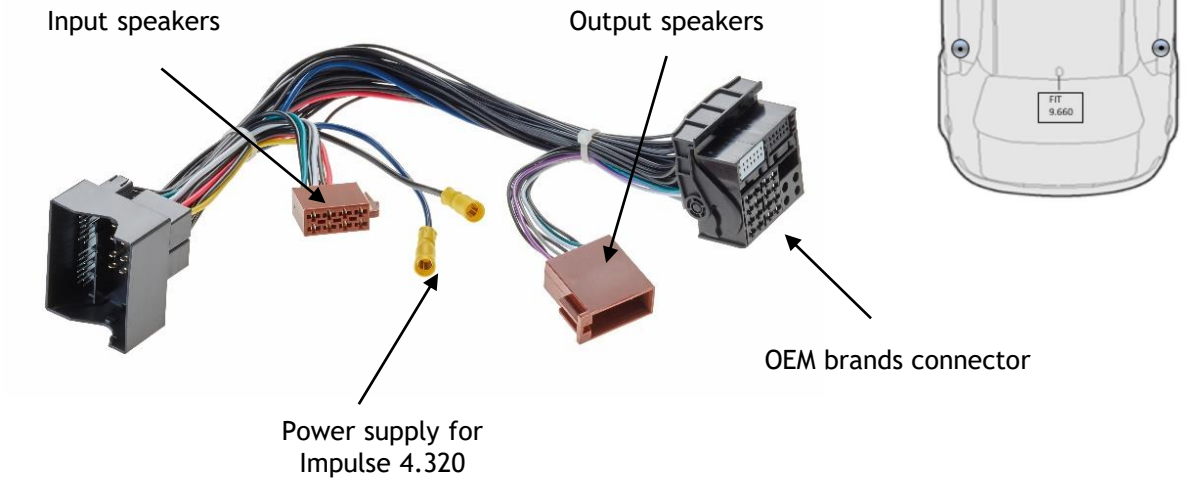
Y iso Harness, are developed for each car brands, for better and easer installation for perfect integration.

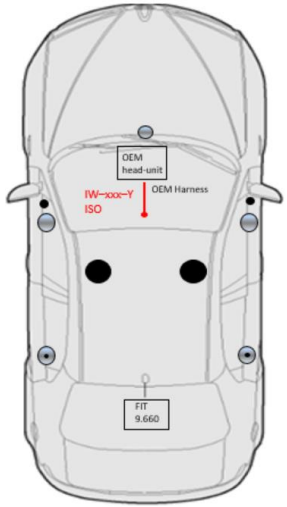
Specific brands connector, and iso connectors speakers.

Possibility to connect Impulse 4.320 power supply directly with this bracket.

Made for:
Ford, BMW/Mini, Toyota, Nissan
Renault, Peugeot/Citroen, VW

Can be used for the following products:
Impulse 4.320, Fit 9.660, Ibus 2.0/2.1





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IW-BMW-Y-ISO-HARNESS

Specific
BMW and **Mini** harness

Head Unit
connector

Iso
Connectors

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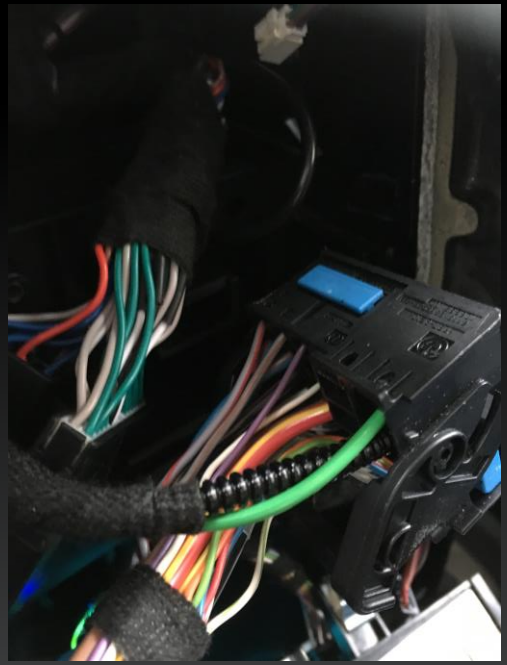
IW-BMW-Y-ISO-HARNESS

Serie 1, 2, 3, 4, 5, 6, 7

i3 / i8 / Z4

Serie X1, X2, X3, X4, X5, X6, X7

Countryman, Clubman, Cabrio, Roadster, Convertible, Paceman



Find application cable in car compatibility sheet
Harness Iso cable not compatible with OEM amplifier

FOCAL
LISTEN BEYOND

IW-TOY-Y-ISO-HARNESS

TOYOTA LEXUS SUBARU

Specific
TOYOTA harness

Head Unit
connector

Iso
Connectors

IW-TOY-Y-ISO-HARNESS

TOYOTA

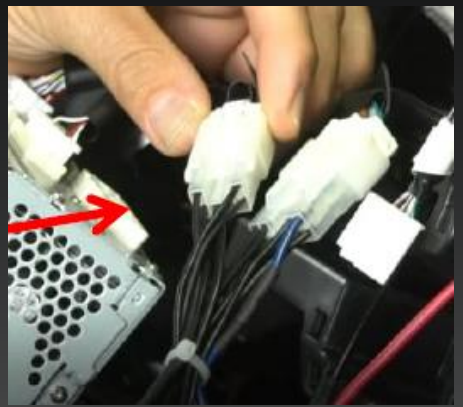
4 Runner
Altis
Auris
Avalon
Avanza
C-Hr
Camry II
Celica
Echo
Fj cruiser
Fortuner
Gt 86
Highlander
Hilux
IQ
Land cruiser
Matrix
Prius
Pro ace
Rav 4
.....

LEXUS

Ct
Gx
IS
Ls

SUBARU

BRZ
Forester IV
Impreza IV
Outback IV
Outback V
Wrx



Find application cable in car compatibility sheet
Harness Iso cable not compatible with OEM amplifier

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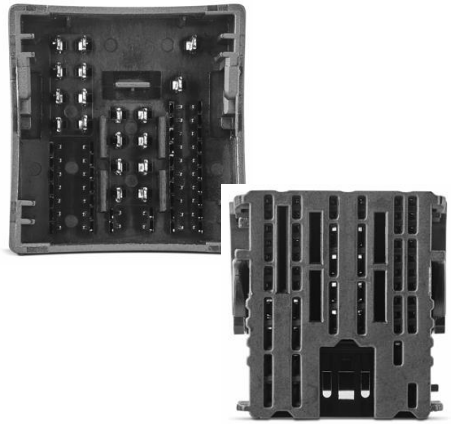
IW-PSA-Y-ISO-HARNESS

PEUGEOT CITROËN

Specific
PEUGEOT/ CITROEN
harness

Head Unit
connector



Iso
Connectors

IW-PSA-Y-ISO-HARNESS

PEUGEOT

208 II
308 II
508 II
2008
3008
5008
Expert III
Rifter
Traveler III

CITROËN

Berlingo III
C3 III
C4 grand space Tourer
C4 II
C4 cactus II
C4 space Tourer
C5 aircross
Jumpy III
Space Tourer

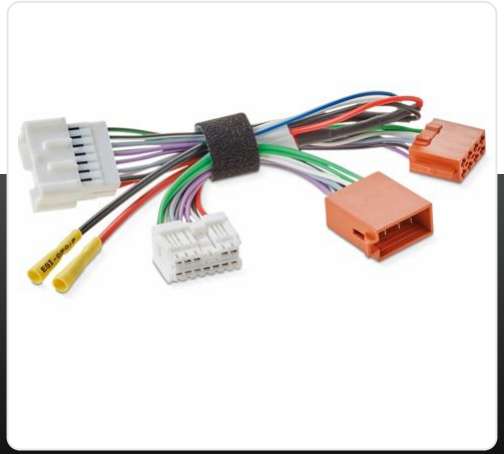
Find application cable in car compatibility sheet
Harness Iso cable not compatible with OEM amplifier

FOCAL® LISTEN BEYOND

IW-REN-Y-ISO-HARNESS

RENAULT DACIA smart

Specific
RENAULT harness



Head Unit
connector

Iso
Connectors

FOCAL
LISTEN BEYOND

IW-REN-Y-ISO-HARNESS

RENAULT

Alaskan
Clio
Captur
Espace
Laguna
Megane
Scenic
Twingo II/III
Vel satis
Wind
Zoe

DACIA

Dokker
Duster
Lodgy
Logan
Sandero

smart

For two
For two cabrio
For two brabus
For four

Find application cable in car compatibility sheet
Harness Iso cable not compatible with OEM amplifier

FOCAL® LISTEN BEYOND

IW-VW-Y-ISO-HARNESS

Volkswagen

Specific
VW harness

Head Unit
connector

Iso
Connectors

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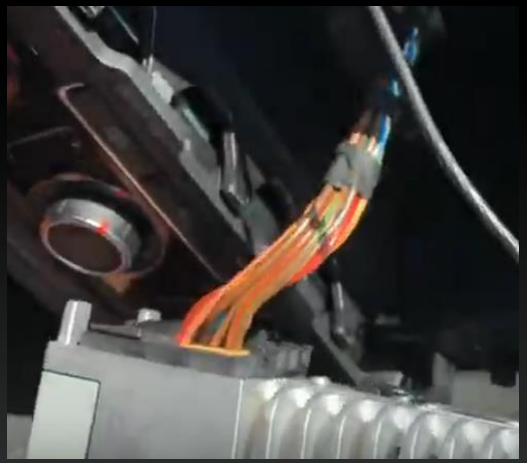
IW-VW-Y-ISO-HARNESS

Volkswagen

Golf 7
Polo
Passat
New beetle
Tiguan
…



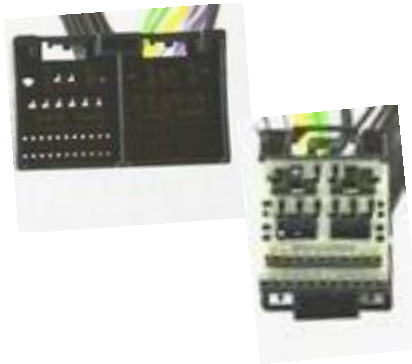
Find application cable in car compatibility sheet
Harness Iso cable not compatible with OEM amplifier

FOCAL
LISTEN BEYOND

IW-FORD-Y-ISO-HARNESS

Specific
FORD harness

Head Unit
connector



Iso
Connectors

IW-FORD-Y-ISO-HARNESS

Ecosport
Fiesta VI
Focus IV
Fusion
Kuga
Puma II

Ranger III

Tourneo Connect
Tourneo Courrier
Tourneo Custom
Transit Connect
Transit Courier
Transit Custom

Find application cable in car compatibility sheet
Harness Iso cable not compatible with OEM amplifier

FOCAL
LISTEN BEYOND

IW-NIS-Y-ISO-HARNESS

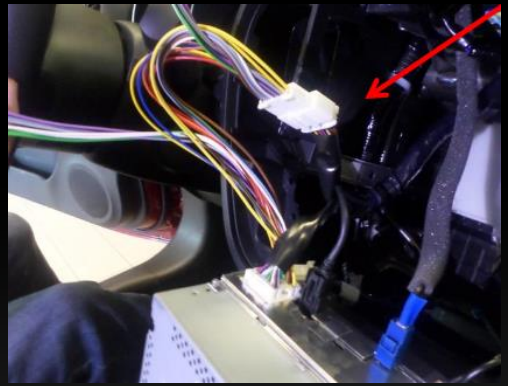
Specific
NISSAN harness

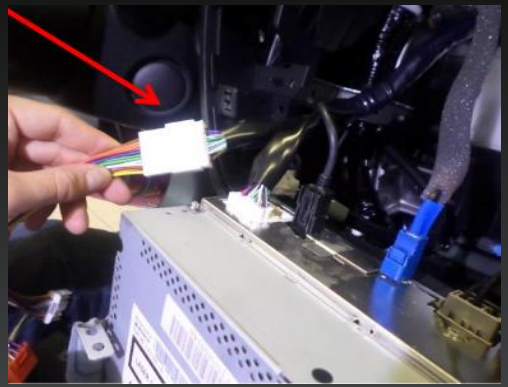
Head Unit
connector

Iso
Connectors

IW-NIS-Y-ISO-HARNESS

350 Z	Note
370 Z	Nv 300
Altima	Nv 400
Armada	Pathfinder
Frontier	Pulsar
Gt-R	Tiida
Juke	Vera
Micra	X-trail
Murano	X-terra
	Urvan





Find application cable in car compatibility sheet
Harness Iso cable not compatible with OEM amplifier

FOCAL INSIDE ELECTRONIC

FIT 9.660 cables system for BMW

FOCAL
LISTEN BEYOND

2 / EXTENSION CABLE FIT 9.660

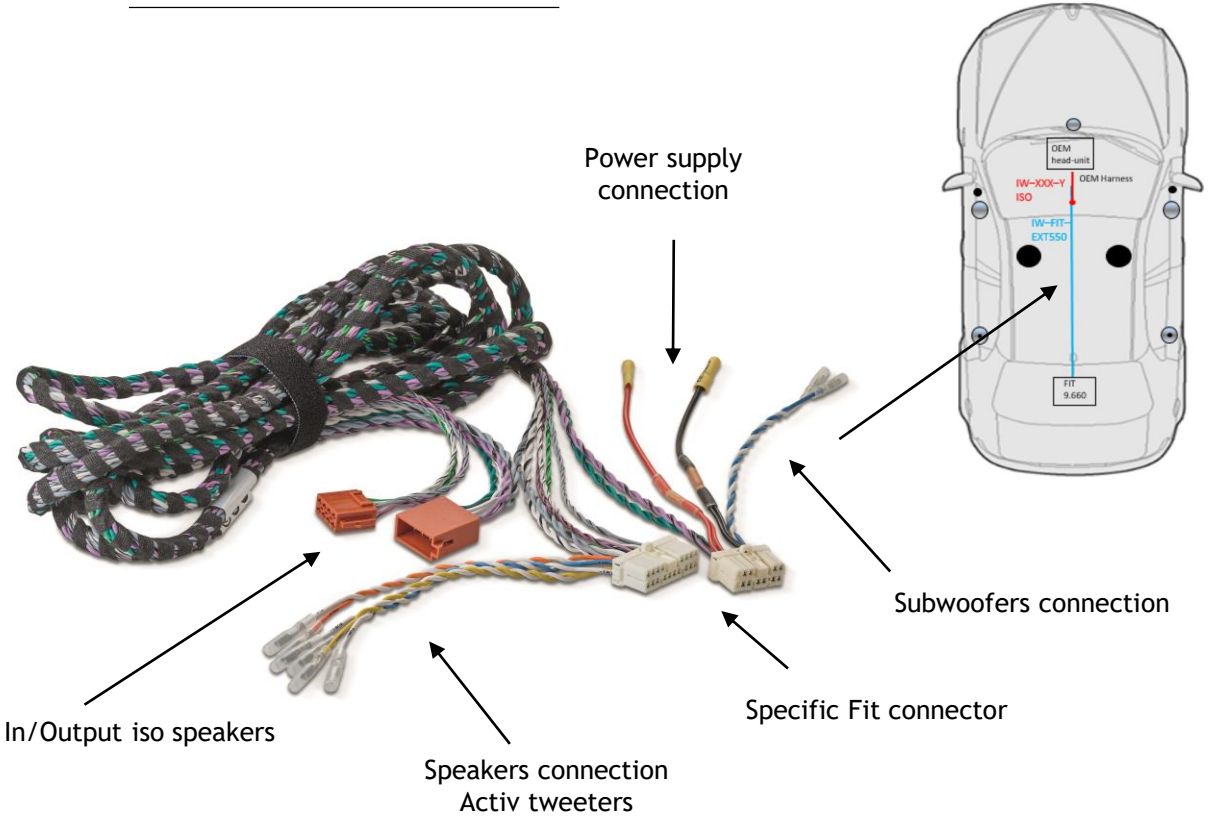
IW – FIT – EXT – 550
IW – FIT – EXT – 150

Extension cables Fit 9.660

Connect the head-unit harness with ISO connector, in Dsp Amplifier Fit 9.660 specific connectors.
With the iso connector we recover the signal at the iso output of the car head unit, and after amplifying it we send it back to the front and rear doors using the original car harness.
The plugs are used to connect the subwoofers, and the tweeters in the activ configuration.

2 length available.
Iw fit ext 550 5,50 mt rear installation
Iw fit ext 150 1,50 mt front installation or rear with head unit in trunk.

2 plugs for power supply use Iw pw sup 600



FOCAL
LISTEN BEYOND

3 / SPEAKERS CABLE FIT 9.660

IW – SPK – 2X600

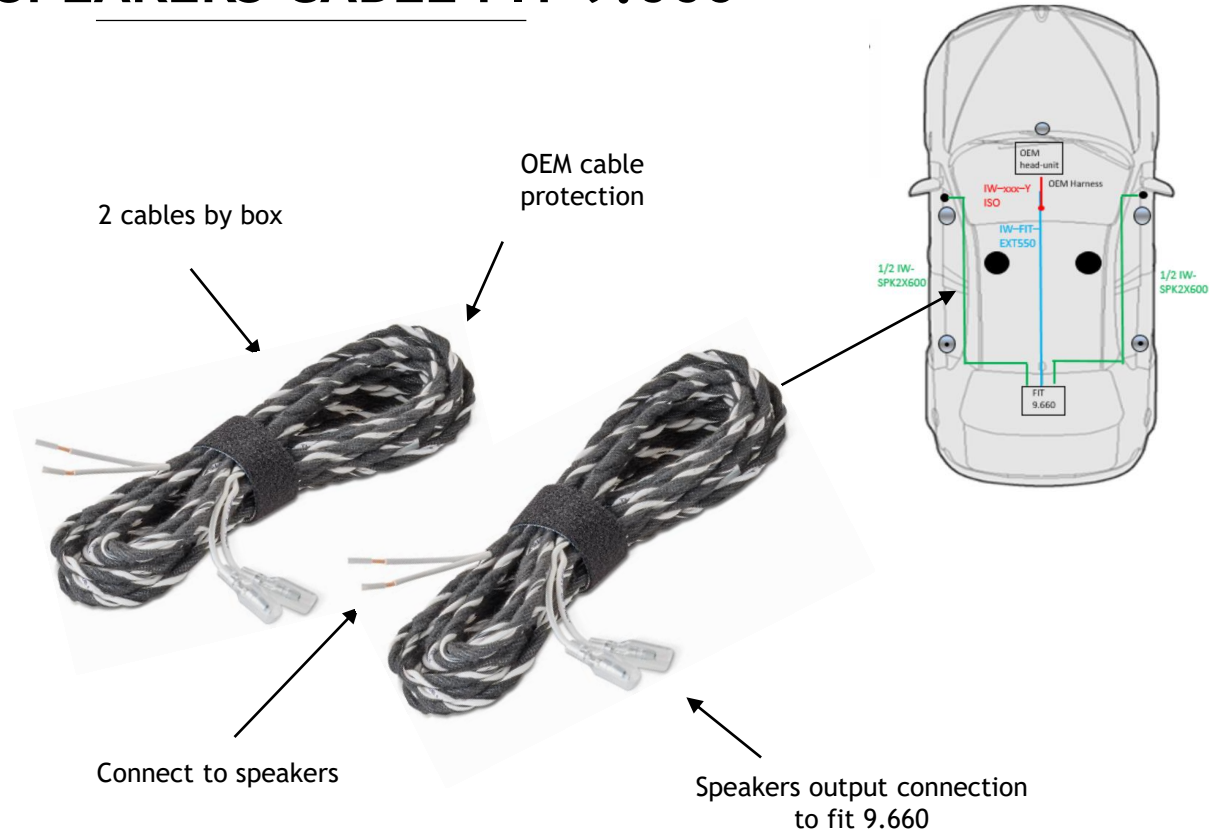
Speakers cables Fit 9.660

Cables with OEM protection, made for connect the speakers on active mode.

Sample, front tweeters ativ mode.

Plugs to connect Fit 9.660

2 cable by box.



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LISTEN BEYOND

3 / SPEAKERS CABLE FIT 9.660

IW – FIT – CC600

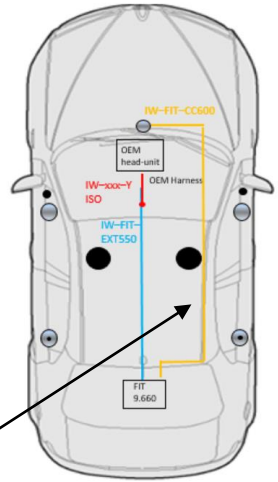
Center channel cable Fit 9.660

Cable with OEM protection, made for connect the front center channel.

Activ mode for front center voice.

Specific connector for Fit 9.660 output

1 cable by box.



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LISTEN BEYOND

3 / SPEAKERS CABLE FIT 9.660

IW – BMW – DUAL SUB

Bmw subwoofers cable Fit 9.660

Cables with OEM protection, made for connect both BMW subwoofers on front car.

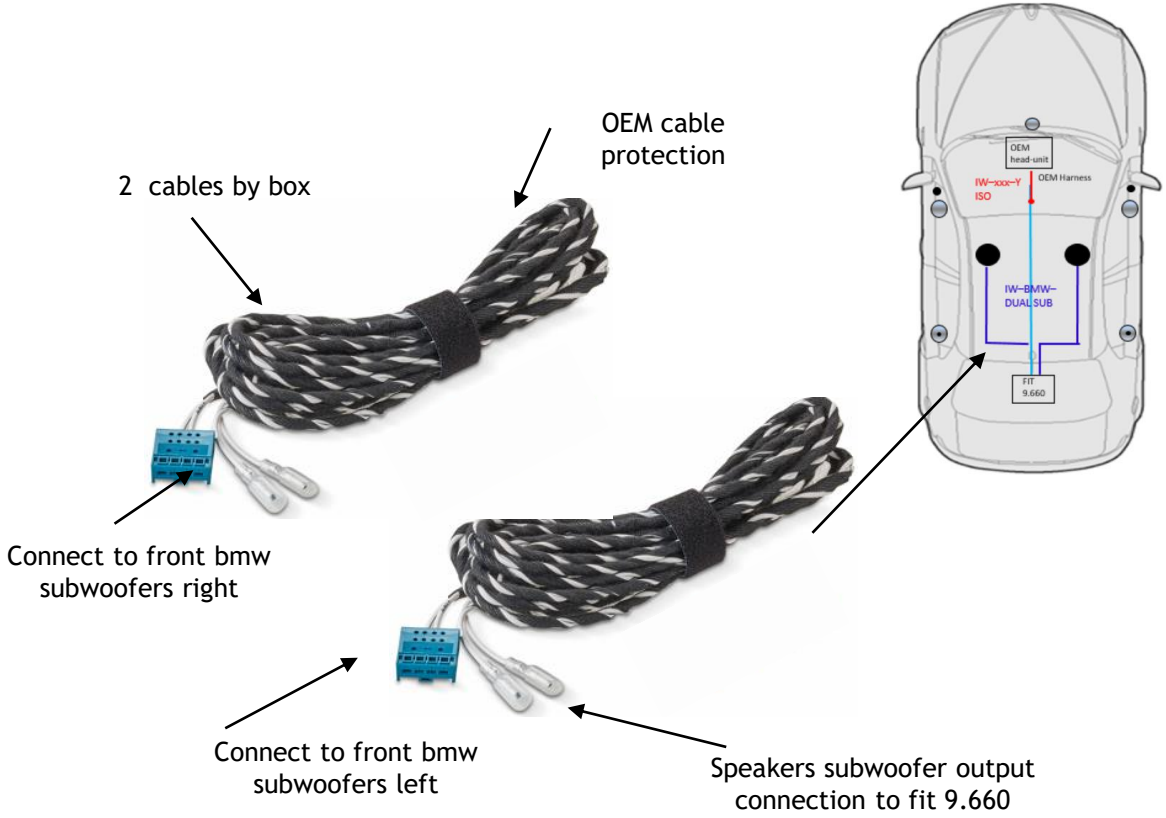
BMW specific connector, easy to replace the original cable, without cables cutting.

Activ mode for front BMW subwoofers.

Plugs connectors for Fit 9.660 output

2 cable by box.

BMW OEM connector



FOCAL LISTEN BEYOND

FOCAL INSIDE ELECTRONIC

IMPULSE 4.320 cables system

FOCAL
LISTEN BEYOND

2 / EXTENSION CABLE IMPULSE 4.320

IW – IMP – EXT – 150

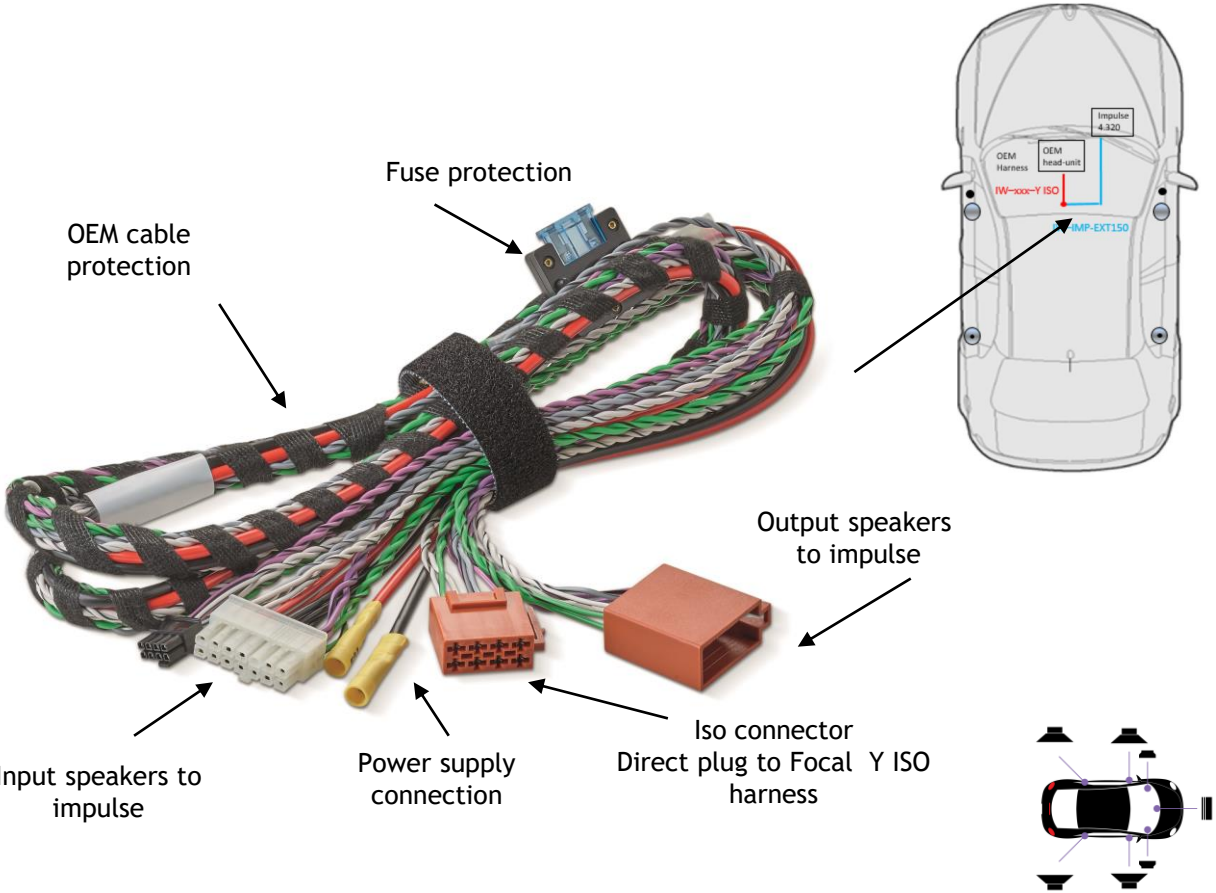
Extension cables IMPULSE 4.320

Connect the head-unit harness with ISO connector, in Amplifier IMPULSE 4.320 with specific connectors.

With the iso connector we recover the signal at the iso output of the car head unit, and after amplifying it we send it back to the front and rear doors peakers, using the original car harness.

This cable simply the impulse connection in each car. The IMPULSE 4.320 amplifier allows you to amplify the front speakers and rear speakers with its 4 channels.

If the power supply allows you to directly connect the impulse to the dedicated connectors of the Focal Y ISO harness. The search for position and ground power is then completely simplified.



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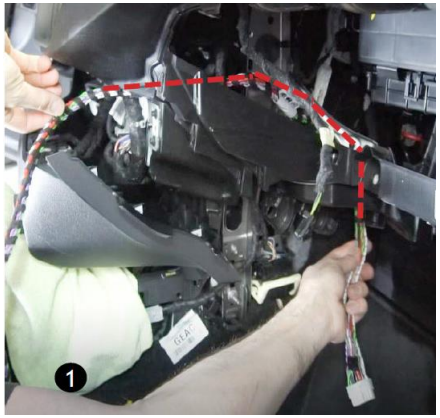
LISTEN BEYOND

IW-IMP-EXT-150

Impulse cable 1,5mt long



ISO connector

Power supplier connection

FOCAL
LISTEN BEYOND

2 / EXTENSION CABLE IMPULSE 4.320

IW – BMW - IMP – 2.1

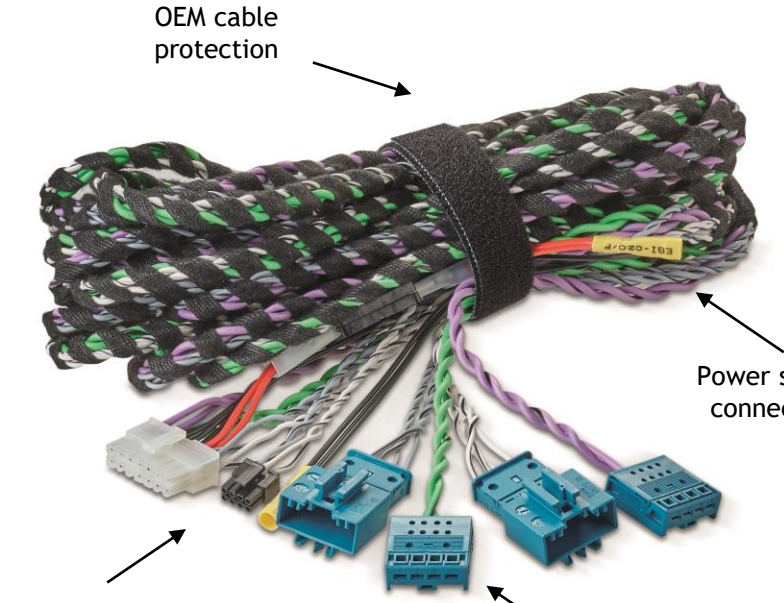
Extension cables IMPULSE 4.320

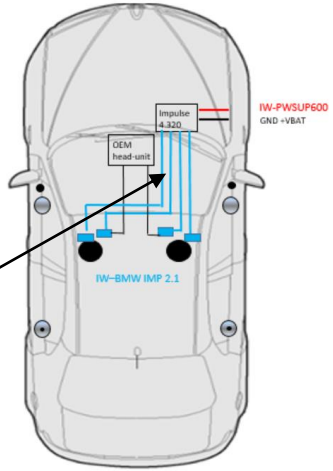
This BMW 2.1 cable for the impulse uses a specific connection. it takes the car radio signal directly from the subwoofers connector under the front seats.
This signal is sent in the impulse and manage to amplify the front speakers of the car, and the both subwoofers under the seats.
All adjustments, crossover, levels, phase, are made in the Impulse 4.320.

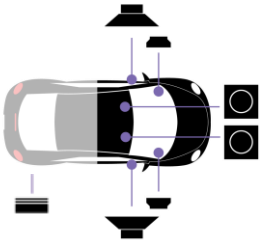
No need to dismantle the car radios of bmw, this type of assembly saves a lot of installation time,

it's simple and very effective, the performances are really amasing with a simply never seen.

2 plugs for power supply use IW POW SUP 600







IW BMW IMP 2.1

Signal take under front seat

OEM BMW connector adapter

Compact size amplifier

2 / EXTENSION CABLE IMPULSE 4.320

IW – IMP – 2.1

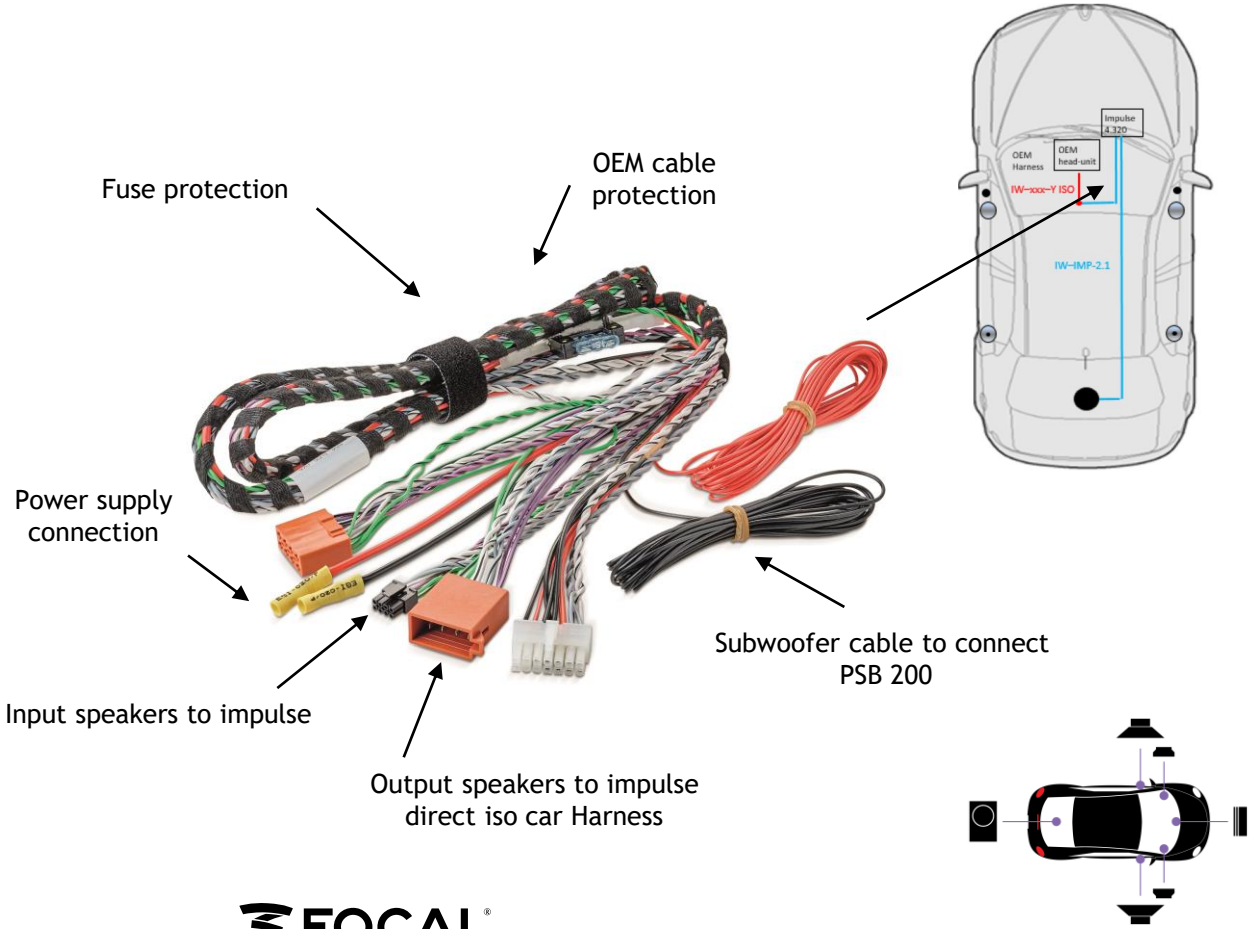
Extension cables IMPULSE 4.320

Connect the head-unit harness with ISO connector, in Amplifier IMPULSE 4.320 with specific connectors.

With the iso connector we recover the signal at the iso output of the car head unit, and after amplifying it we send it back to the front speakers using the original car harness. 2 rear channel Impulse are bridge to mono for manage subwoofer box, PSB 200.

This cable simply the impulse connection in each car. The IMPULSE 4.320 amplifier allows you to amplify the front speakers and subwoofer box with its 3 channels.

If the power supply allows you to directly connect the impulse to the dedicated connectors of the Focal Y ISO harness. The search for position and ground power is then completely simplified.



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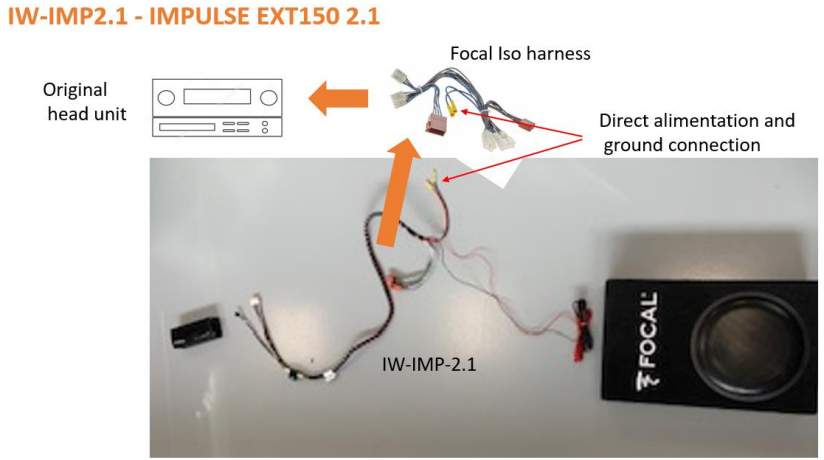
IW-BMW-IMP-2.1

Compact amplifier
Easy to install

Complet cable for simply installation



4 / POWER SUPPLIER FIT 9.660 / IMPULSE 4.320

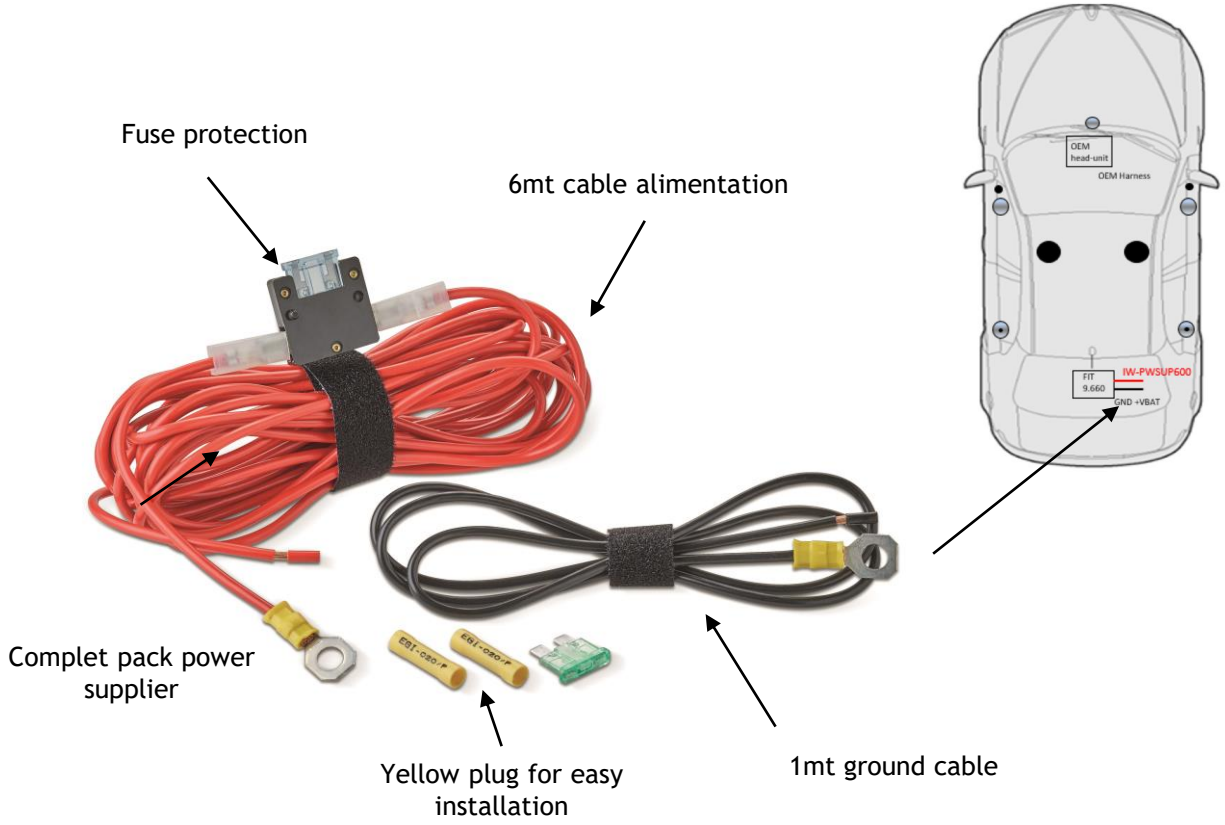
IW – PW – SUP 600

Power Supplier pack
Fit 9.660/ Impulse 4.320

Complet pack for power alimentation and ground connection.

Use by Fit 9.660 and Impulse 4.320.

6mt cable red alimentation.
1mt cable black ground.
2 yellow plug connexion.
Fuse protection.



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4 / SIMULATOR SPEAKERS CABLE

IW – SPKSIM – ISO speakers

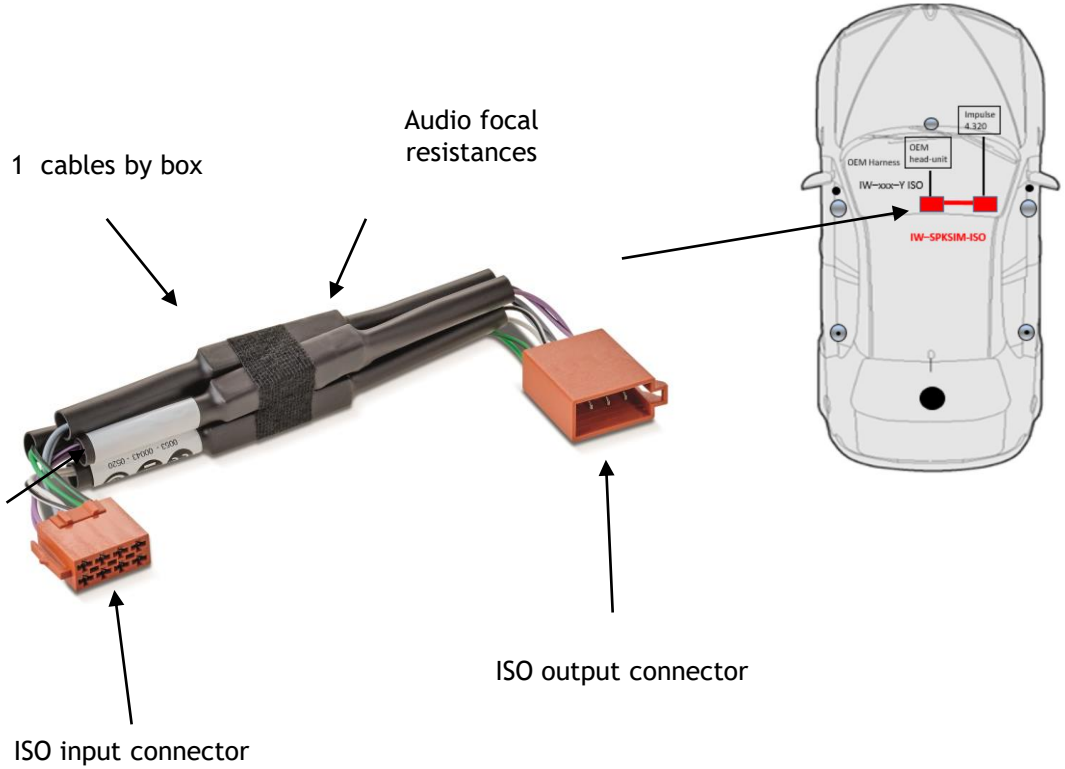
Speakers simulator Impulse 4.320

Some models of cars, when we change the original speakers, and adding an amplifier, it happens that it brings some problems. like losing the front / rear fader.

To solve this type of problem, we have developed a speaker simulator with audio resistance.
this cable easily plugs into the ISO connectors of our harness speakers. and remove audio faults.

simple and efficient

Can be use to Impulse 4.320, and Ibus 2.0/2.1



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CABLE LIST

Harness Iso adapter		
IW-BMW-YISO	BMW Y-ISO HARNESS	Harness head unit adapter for BMW
IW-NIS-YISO	NISSAN Y-ISO HARNESS	Harness head unit adapter for Nissan
IW-PSA-YISO	PSA Y-ISO HARNESS	Harness head unit adapter for Peugeot/ Citroen
IW-REN-YISO	REN Y-ISO HARNESS	Harness head unit adapter for Renault/ Smart/ Dacia
IW-TOY-YISO	TOYOTA Y-ISO HARNESS	Harness head unit adapter for Toyota/ lexus/ subaru
IW-FOR-YISO	FORD Y-ISO HARNESS	Harness head unit adapter for Ford
IW-VW-YISO	VW Y-ISO HARNESS	Harness head unit adapter for Volkswagen
Fit 9.660 cables		
IW-FIT-EXT150	FIT Extension I/O 150	150 m extension speakers connexion to Fit 9.660
IW-FIT-EXT550	FIT Extension I/O 550	550 m extension speakers connexion to Fit 9.660
IW-BMW-DUAL SUB	BMW SUB HARNESS DUAL 500	BMW subwoofer cables
IW--SPK2X600	Speaker extension 2X600	Speakers activ cable
IW--FIT-CC600	FIT CC Speaker Ext 600	Center channel cable
Impulse 4.320 cables		
IW-IMP-EXT150	IMP Extension I/O 150	Impulse 4.320 cable extension 4 channel (use front and rear speakers)
IW-IMP-2.1	2.1 IMP HARNESS	Impulse 4.320 cable 3 channel (use front speaker and mono subwoofer)
IW-BMW-IMP2.1	BMW 2.1 IMP HARNESS	Impulse 4.320 cable 4 channel BMW (use front speaker and 2 front subwoofer under seats)
Speakersim	Speaker Sim	Impedance similuator
Power supply		
IW--PWSUP600	FIT/IMP POWER SUPPLY SET	Power supplier kit, alimentation and ground cable and accesories

FOCAL®
LISTEN BEYOND

FOCAL INSIDE

400 VEHICLES
MORE THAN 27 MANUFACTURES

FOCAL
LISTEN BEYOND

FOCAL® *INSIDE*

Focal Inside is an offer for all drivers who want access to quality, custom Plug & Play solutions that are perfectly suited to their vehicles.
From the 'simpliest' kit to the most complete amplified system, the Focal Inside offer is quick and easy to install in place of the original system, without modifying the environment.

Our offer covers more than 20 car manufacturers and is compatible with over 300 vehicles. To guide you in your choice of audio system, we have developed a dedicated website. By selecting your vehicle model and desired level of customisation, you can build your sound experience and configure the solution best suited to your requirements, in just a few cliks.

Check your vehicle compatibility on:
www.focal-inside.com

FOCAL®
LISTEN BEYOND

Catalog focal inside line

01 AUDIO SOLUTIONS BY MANUFACTURER

02 ELECTRONICS & CABLES