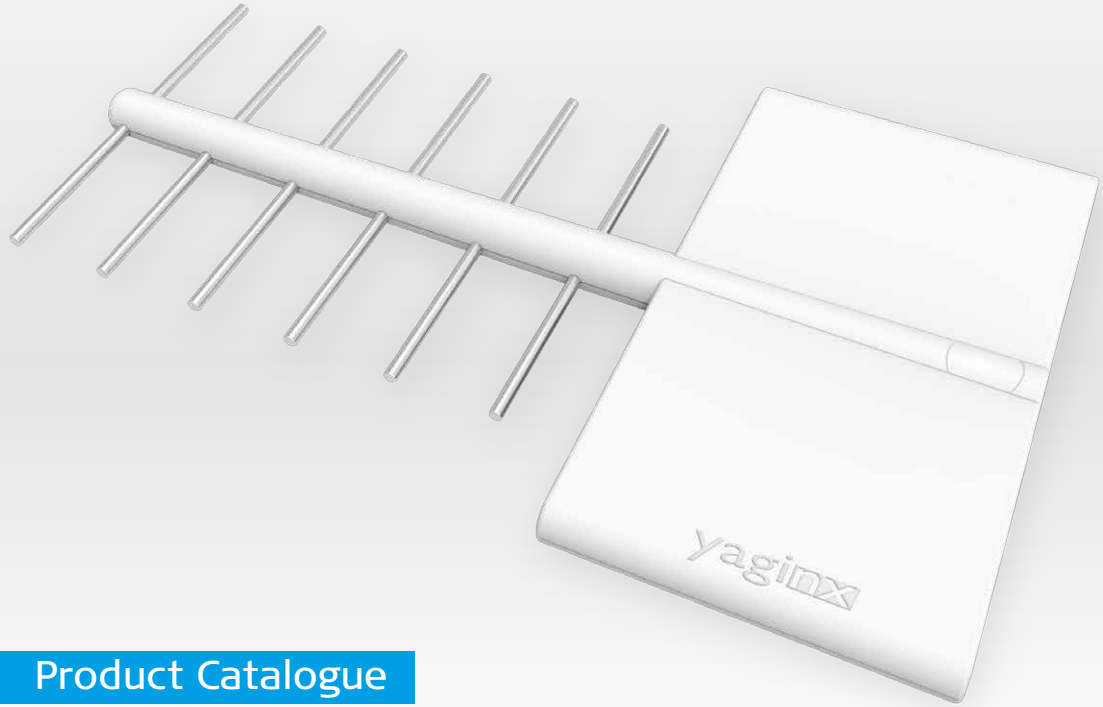
funke
DIGITAL TV




# Product Catalogue

Funke is official member of

DVB DIGITAG Digital Television Action Group FOBTV FUTURE OF BROADCAST TELEVISION

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'Together Clearly the Best!' is our company motto because we strongly believe that success can only be achieved by working together with all elements that form your business. Clients, collaborators, colleagues and, funnily enough, even competitors all help us, in their own way, to improve all the aspects of our organisation and motivate us to make things better. Ultimately, this synergy is translated into a process aimed at creating a product whose quality will satisfy the expectations of our clients and fulfil the needs of the end users. Since 1957, many years before we even thought of our company motto, high quality, innovation, customer-oriented service and cooperation have been the core values of Funke Digital TV, and today we proudly give you a taste of these core values transformed into products. Let us present our accomplishments and show you what you – as an important part, even an element, of our business – have helped us create. Enjoy the journey into our, and now your, little big Funke world!

*Stan Baaijens*

CEO of Funke Digital TV

# Index

# 4G LTE INERT Technology



## 4G LTE

LTE (Long-Term Evolution), commonly known as 4G LTE, is the name given to the standard for wireless communication of high-speed data for mobile phones and data terminals. The main goal of LTE was to augment the capacity and speed of wireless data networks.

In order to enable this exchange of high-speed data, mobile companies acquired a portion of the frequency band once appointed to TV signal broadcasting (791 MHz - 862 MHz). Since TV signal broadcasting makes use of the frequency band up to 790 MHz, there is just 1 MHz space between TV signal broadcasting and the new 4G LTE network. It is the proximity of both networks what could cause for some TV channels to experience interferences produced by the LTE signals and as a result show a frozen pixilated picture on the TV screen.

## Funke's 4G LTE INERT technology

In order to prevent LTE interferences to affect TV signals, Funke has come up with a whole new technology called the Funke 4G LTE INERT technology. Unlike in other antenna products, the INERT technology applied to the Funke antennas does not only work by filtering the LTE signals, it also tackles the problem at its roots by working at the very beginning of the signal reception stage.

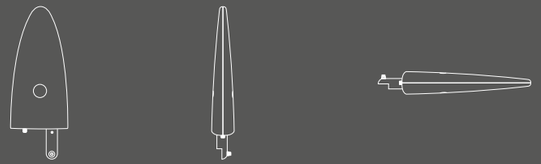
The way this technology works is twofold. First it weakens TV signal reception around the 790 MHz and then it smart filters any residue of LTE signals, allowing only the TV signal to pass into the Set-Top-Box. The Funke 4G LTE INERT technology also avoids any thru loss to take place while filtering and it protects the antenna amplifier from the LTE signals. This all together offers the ultimate solution to a problem – that one of interferences produced by the 4G LTE network – that might occur frequently once the 4G LTE networks are fully deployed and used by more and more mobile users.

# Outdoor Antennas



## DSC310

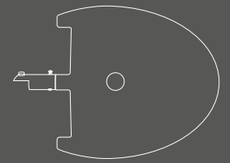
The Funke DSC310 is a very compact digital outdoor TV antenna. With its small size and stylish look it is appropriate for every location. This complete easy to install solution is a trendy substitute for traditional rooftop antennas; it guarantees perfect performance. The innovative and high quality technology with which this antenna is equipped offers a continuous and sustainable digital TV reception. The Funke DSC310 is provided with Funke's 4G LTE INERT technology; the best way to protect your TV signal reception from 4G LTE interfences.

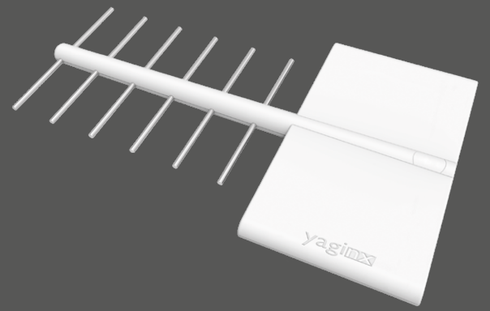




## ODSC100

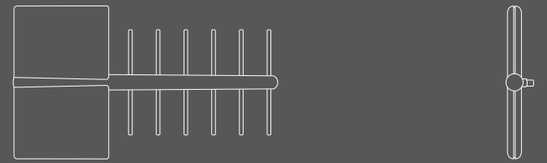
The Funke ODSC100 is specially developed for the best outdoor reception of DTT signals. This digital outdoor antenna guarantees the best performance regardless of geographical features, like mountains, or buildings. It is a compact and easy to install antenna. Whether it is used to watch digital television at home, while camping or while spending some leisure time on the water. The Funke ODSC10 is provided with Funke's 4G LTE INERT technology; the best way to protect your TV signal reception from 4G LTE interfences.






## YagiNX

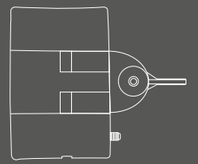
The Funke YagiNX brings the trusted and proven concept of the yagi antenna to the 21st century. This antenna does not only put the performance of larger antennas in a small package, it also protects you from the interferences caused by the 4G network. Because of its compact size and modern technology, installation is as easy as changing a light bulb. The Funke YagiNX is provided with Funke's 4G LTE INERT technology; the best way to protect your TV signal reception from 4G LTE interfences.

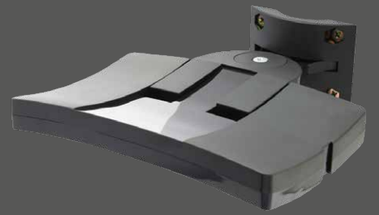


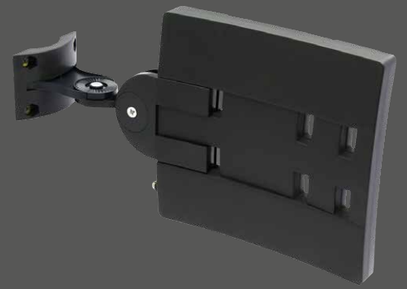


## City 5.1

The Funke City 5.1 is one of the most compact outdoor antennas available on the market. Perfect for urban areas, this easy to install solution, provides the best reception possible, free of sound and picture interference. Consumer expectations get fulfilled because signal reception is clear and continuous. Its trendy, edgy but subtle design makes this antenna to go unnoticed, what is perfect for the most exigent and aesthetics minded consumers. Infinite fun and enjoyment in the city. The Funke City 5.1 is provided with Funke's 4G LTE INERT technology; the best way to protect your TV signal reception from 4G LTE interfences.

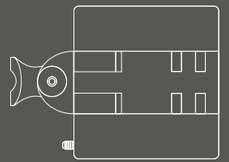


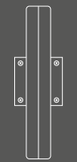




## City 5.5

The Funke City 5.5 is an outdoor digital antenna of modern and trendy design but still tough and robust. This antenna solution performs flawlessly under all type of weather conditions. Easy to install at any outdoor location, its innovative technology allows the viewer to enjoy the latest technologies in digital television. The Funke City 5.5 is provided with Funke's 4G LTE INERT technology; the best way to protect your TV signal reception from 4G LTE interfences.



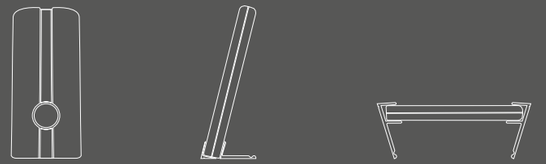


# Indoor Antennas



## DSC250

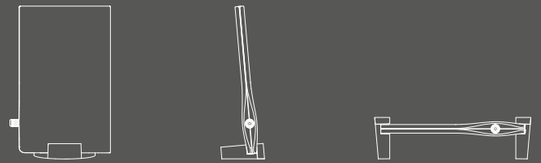
The Funke DSC250 is a perfect combination of stylish design and state of the art technology. This digital indoor antenna offers you the best indoor reception of DTT signals. It is an easy plug & play solution to watch digital TV at home. With its compact size and sustainable performance, it has proven to be the best choice in indoor digital TV antennas. The Funke DSC250 is provided with Funke's 4G LTE INERT technology; the best way to protect your TV signal reception from 4G LTE interfences.

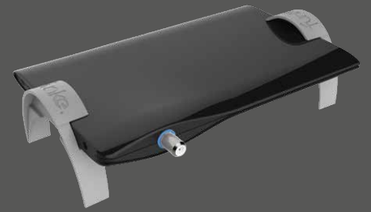




## DSC550

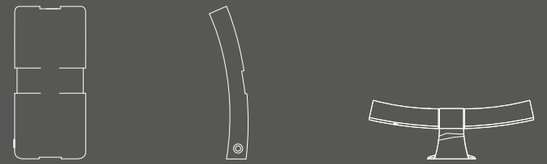
The Funke DSC550 4G LTE Indoor antenna provides you with a unique technical solution that guarantees a 4G LTE free TV signal reception that is proven to be the best one in the market. Its popular and thinnest design makes the DSC550 4G LTE blend perfectly into any interior. The Funke DSC550 is the first indoor antenna to be provided with Funke's 4G LTE INERT technology; the best way to protect your TV signal reception from 4G LTE interferences.





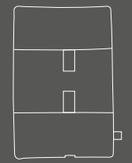
## Home 2.0

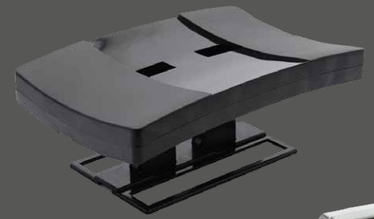
The Funke Home 2.0, small-sized and trendy, has proven to be among one of the best performing digital indoor antennas on the market. With a design that matches all type of interiors, it provides hours of fun watching digital television. Thanks to its innovative technology TV signal reception is consistent and continuous. The Funke Home 2.0 is provided with Funke's 4G LTE INERT technology; the best way to protect your TV signal reception from 4G LTE interfences.

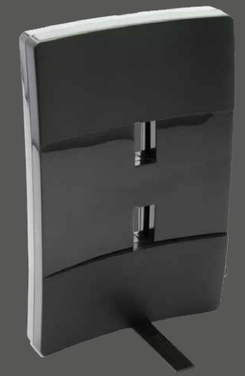


## Home 5.0

The Funke Home 5.0 is one of the strongest, yet sophisticated, indoor antennas on the market. Its unique technology allows users of this antenna to enjoy watching digital TV. Next to this, its design of delicate lines fits perfectly with other audio-visual devices in the house. The combination resulting from high quality performance and stylish design makes of this antenna the ideal solution for indoor digital signal reception. The Funke Home 5.0 is provided with Funke's 4G LTE INERT technology; the best way to protect your TV signal reception from 4G LTE interfences.





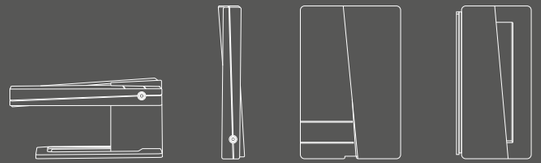


# In- & Outdoor Antennas



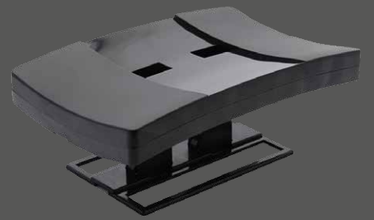
## DSC510E

The Funke DSC510E indoor and outdoor digital antenna is a pioneering signal reception solution provided with the latest state-of-the-art technology. When performing best outdoor, the easy installation system of this antenna allows its user to have it installed outside but without having to go onto the rooftop. Its revolutionary technique guarantees the best possible reception of DTT signal. The Funke DSC510E is extendable for better and continuous reception, regardless of its environment. The Funke DSC510E is provided with Funke's 4G LTE INERT technology; the best way to protect your TV signal reception from 4G LTE interfences.



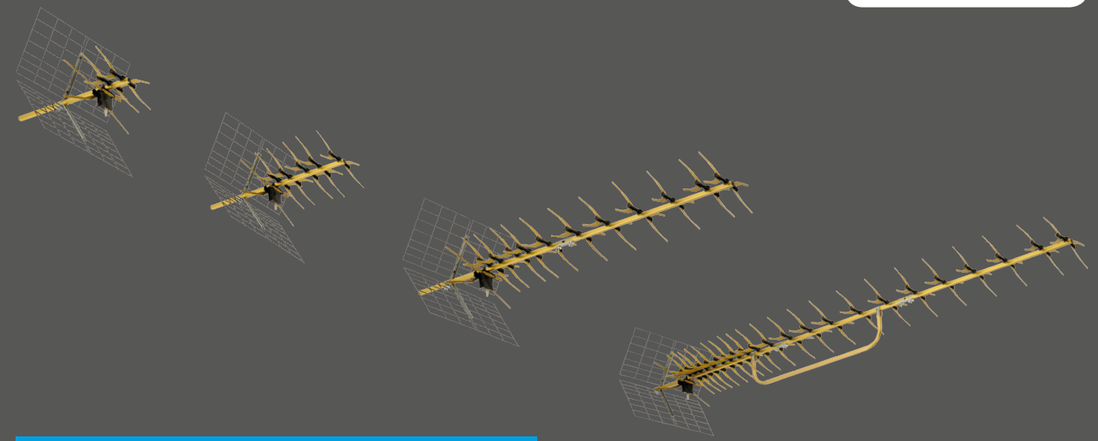
## Combo 5.1

The Funke Combo 5.1 indoor and outdoor digital antenna offers you the best of both worlds. This highly performing TV antenna enables you to experience watching TV whenever you want. This combo antenna solution comes with a distinctive range of handy accessories, which can also be used indoors. The Funke Combo 5.1 is provided with Funke's 4G LTE INERT technology; the best way to protect your TV signal reception from 4G LTE interfences.



# Long Distance Antennas





## (A)BM-Series

The Funke long-distance active ABM and passive BM antenna series have been specially developed for the outdoor reception of DTT signals. The selected range of long-distance outdoor antennas guarantees the best performance, regardless of geographical features like mountains or buildings. This antenna is suitable for any location and in all weather conditions.

# Portable Solutions




## TV4ME

Without any wiring or subscription, TV4ME creates a second TV anywhere, so you can watch TV everywhere at home or on the go! TV4ME offers 4 hours of entertainment on a single charge, is easy to install, has an intuitive interface and supplies you with up to 7 days EPG. Whenever needed, TV4ME can also charge your phone's battery.

You are no longer restricted by TV programming because in a few clicks on the EPG you can schedule TV4ME to record your favourite program so you can watch it back whenever you want. Many hours of video can be recorded on Micro SD card and played later on any of your smart devices.


**Apple**
iPhone 4S or newer
Any iPad
iOS4.3 or later

**Android**
1 GHz minimum CPU
Android 2.3 or newer

**PC / MAC**
1 GHz minimum CPU
Windows XP or newer
OSX 10.7 or newer
Supports SD & HD!

## StiQ 1.0

The Funke StiQ is a fun device which allows you to watch digital TV on your laptop within an urban setting. The StiQ gives you the freedom to watch & record TV whenever you want! The StiQ's take-me-everywhere design can be taken along on any trip.

Features: PVR, EPG, Timeshift, etc.

**Windows**

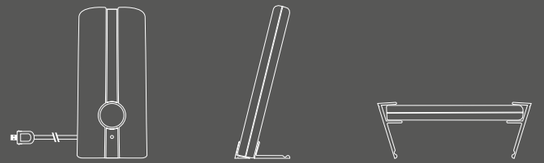
Windows® XP (32 Bit) or later
Intel® Pentium® 4 2,0 GHz, Pentium ® M 1,3 GHz or equivalent AMD®Athlon™ XP
Sound/graphics controllers with support for DirectX® 9 or higher

**Mac OS**

Macintosh® computer with a PowerPC® G4, G5 or Intel Core® processor

## PCTV250

The Funke PCTV250 is a perfect combination of stylish design and state-of-the-art technology. This portable and active digital antenna, with tuner integrated, offers you the best possible reception of DTT signal. This portable antenna is available for both DVB-T and ISDB-T standards. It is an ideal all-in-one solution to watch digital TV on your notebook, laptop and PC. Thanks to its continuous performance, the Funke PCTV250 has proven to be the best signal reception solution in portable digital TV. Enjoy watching digital TV anywhere, anytime!



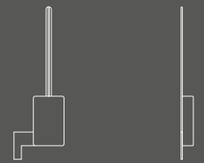

# Automotive Antennas

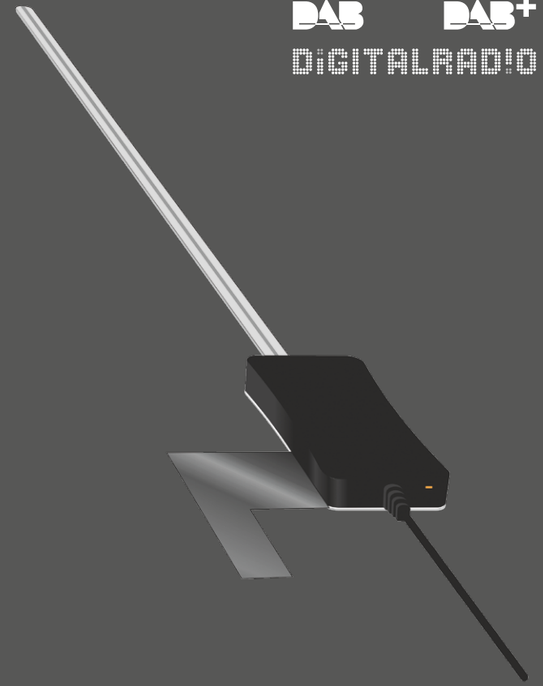


DAB DAB+
DIGITALRADIO

## ADSC700

The Funke ADSC700 Car Antenna for DAB and DAB+ is one of the best performing products available on the market and ensures crystal clear reception! With this antenna you can receive all available channels on air. Its transparent design is easy to install. Let's get digital: more channels & better reception.





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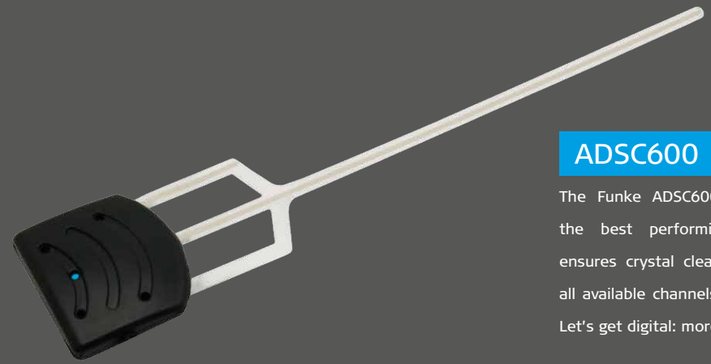
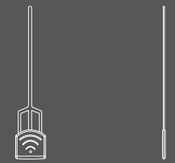
DAB DAB+
DIGITALRADIO



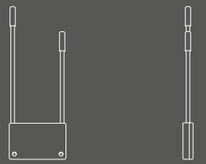
## ADSC600

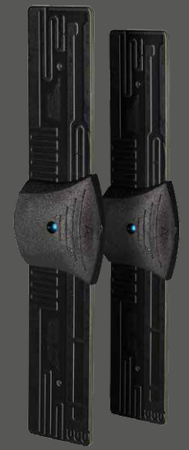
The Funke ADSC600 Car Antenna for DAB and DAB+ is one of the best performing products available on the market and ensures crystal clear reception! With this antenna you can receive all available channels on air. Its transparent design is easy to install. Let's get digital: more channels & better reception.



## ADSC410

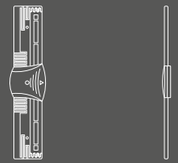
The innovative technique of the Funke ADSC410 automotive antenna allows its user to watch digital TV while on the move. This digital antenna is specially developed for the automotive branch and offers a high quality TV digital signal reception for every occasion. The high quality Funke ADSC410 antenna has a compact size, solid design and it is Ultra HDTV and 3DTV compatible.





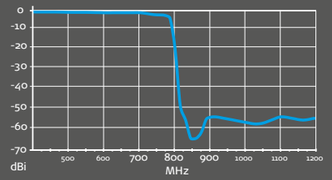
## ADSC470

With the Funke ADSC470 automotive antenna you can receive digital TV signals in your vehicle. The Funke ADSC470 comes in a set of two antennas and it has been specially developed for after-market installation. By making use of two antennas the ADSC470 guarantees its user to obtain the highest possible signal reception. The Funke ADSC470 has an easy to install unique design and it is also Ultra HDTV and 3DTV compatible. The Funke ADSC470 is provided with Funke's 4G LTE INERT technology; the best way to protect your TV signal reception from 4G LTE interfences.



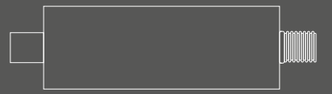
# Accessories






## NLTE790

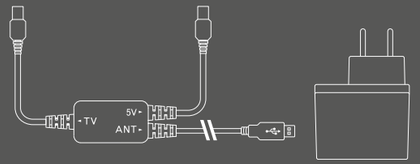
The Funke NLTE790 is a smart solution for watching digital TV without signal reception being interrupted by 4G LTE signal emission. Thanks to the applied state-of-the-art technology and the sustainable performance of this product, it has proven to be the best choice in 4G LTE interference avoidant in-line filters. The Funke NLTE790 is provided with Funke's 4G LTE INERT technology; the best way to protect your TV signal reception from 4G LTE interfences.





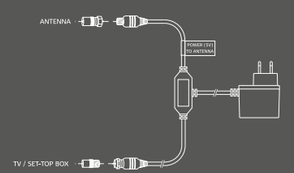
## PI150

The Funke PI150 USB Power Inserter is specially developed to connect any active antenna directly to a TV (with integrated DTT tuner) or Set-Top-Box without antenna power outlet. It will enable the antenna to perform at its maximum capacity with minimal cabling and components.



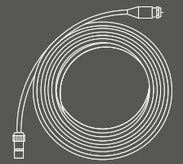

## Universal PI

The Funke Universal Power Inserter is a great value for money antenna accessory that helps to activate the antenna in those cases when neither the TV set nor the Set-Top-Box provide the antenna with the necessary 5 Volts that allow it to properly function. The Funke Universal Power Inserter is fitted with a F-connector but also includes IEC-adaptors for universal usage. A single solution that fits all!



## Coaxial Cables

When installing a high quality antenna, it is equally important to use a high quality coaxial cable to maintain the received signal and minimize the addition of noise. Funke offers a range of coaxial cables for indoor and for outdoor use in different lengths and with different connectors which all have premium shielding.



# Specifications



| | DSC310 H40 470-790 | ODSC100 H40 470-790 | YagiNX H40 470-790 | City 5.1 L40 470-790 |
|---|---|---|---|---|
| Preferred applications | Outdoor stationary reception | Outdoor stationary reception | Outdoor stationary reception | Outdoor stationary reception |
| Indicative reception distance | 35 km | 40 km | 60 km | 40 km |
| Channels VHF | | | | |
| Channels UHF | 21 - 60 (470 - 790 MHz) | 21 - 60 (470 - 790 MHz) | 21 - 60 (470 - 790 MHz) | 21 - 60 (470 - 790 MHz) |
| Total gain VHF | | | | |
| Total gain UHF | 20 dBi | 26 dBi | 27 dBi | 18 dBi |
| Input voltage | 5 ± 0,5 VDC | 5 ± 0,5 VDC | 5 ± 0,5 VDC | 5 ± 0,5 VDC |
| Input current | 40 mA typ. | 40 mA typ. | 40 mA typ. | 40 mA typ. |
| Amplifier principle | Low noise amplifier | Low noise amplifier | Ultra low noise amplifier | Low noise amplifier |
| Connection | F-female | F-female | F-female | F-female |
| Cable | | | | |
| Colour | Grey | White | Off-white | Black |
| Dimensions (h x w x d) | 240 x 110 x 42 mm | 237 x 223 x 22 mm | 380 x 225 x 40 mm | 192 x 122 x 37 mm |
| Weight | 190 gr | 290 gr | 400 gr | 137 gr |

# Specifications

| | City 5.5 H40 470-790 | DSC250 L40 470-790 | DSC550 L40 470-790 | Home 2.0 L40 470-790 |
|---|---|---|---|---|
| Preferred applications | Outdoor stationary reception | Indoor stationary reception | Indoor stationary reception | Indoor stationary reception |
| Indicative reception distance | 50 km | 30 km | 45 km | 25 km |
| Channels VHF | | | | |
| Channels UHF | 21 - 60 (470 - 790 MHz) | 21 - 60 (470 - 790 MHz) | 21 - 60 (470 - 790 MHz) | 21 - 60 (470 - 790 MHz) |
| Total gain VHF | | | | |
| Total gain UHF | 20 dBi | 15 dBi | 15 dBi | 15 dBi |
| Input voltage | 5 ± 0,5 VDC | 5 ± 0,5 VDC | 5 ± 0,5 VDC | 5 ± 0,5 VDC |
| Input current | 40 mA typ. | 40 mA typ. | 40 mA typ. | 40 mA typ. |
| Amplifier principle | Low noise amplifier | Low noise amplifier | Ultra low noise amplifier | Low noise amplifier |
| Connection | F-female | IEC-male | F-female | IEC-male |
| Cable | | 3,5 m flexible coaxial cable | | 3,5 m flexible coaxial cable |
| Colour | White | Black | Black /White | Black |
| Dimensions (h x w x d) | 192 x 182 x 36 mm | 158 x 72 x 17 mm | 192 x 125 x 18 mm | 155 x 75 x 26 mm |
| Weight | 280 gr | 140 gr | 144 gr | 135 gr |

| | Home 5.0 L40 470-790 | DSC510E H40 470-790 | Combo 5.1 L40 470-790 |
|---|---|---|---|
| Preferred applications | Indoor stationary reception | Indoor & Outdoor stationary reception | Indoor & Outdoor stationary reception |
| Indicative reception distance | 40 km | 50 km | 40 km |
| Channels VHF | | | |
| Channels UHF | 21 - 60 (470 - 790 MHz) | 21 - 60 (470 - 790 MHz) | 21 - 60 (470 - 790 MHz) |
| Total gain VHF | | | |
| Total gain UHF | 18 dBi | 27 dBi | 18 dBi |
| Input voltage | 5 ± 0,5 VDC | 5 ± 0,5 VDC | 5 ± 0,5 VDC |
| Input current | 40 mA typ. | 40 mA typ. | 40 mA typ. |
| Amplifier principle | Low noise amplifier | Low noise amplifier | Low noise amplifier |
| Connection | F-female | F-female | F-female |
| Cable | | | |
| Colour | Black | Black | Black |
| Dimensions (h x w x d) | 192 x 122 x 37 mm | 192 x 125 x 27 mm | 192 x 122 x 37 mm |
| Weight | 137 gr | 250 gr | 137 gr |

| | ABM4515 H40 470-862 | ABM4527 H40 470-862 | ABM4551 H40 470-862 | ABM4595 H40 470-862 |
|---|---|---|---|---|
| Preferred applications | Outdoor stationary reception | Outdoor stationary reception | Outdoor stationary reception | Outdoor stationary reception |
| Elements | 15 | 27 | 51 | 95 |
| Indicative reception distance | 45 km | 55 km | 65 km | 75 km |
| Windload (@ 120 km/h) | 30 N | 60 N | 98 N | 164 N |
| Working temperature | -40°C / +50°C | -40°C / +50°C | -40°C / +50°C | -40°C / +50°C |
| Channels VHF | | | | |
| Channels UHF | 21 - 69 (470 - 862 MHz) | 21 - 69 (470 - 862 MHz) | 21 - 69 (470 - 862 MHz) | 21 - 69 (470 - 862 MHz) |
| Antenna gain VHF | | | | |
| Antenna gain UHF | 7 dBi | 9 dBi | 11 dBi | 13 dBi |
| Amplifier gain VHF & UHF | 23 dBi | 23 dBi | 23 dBi | 23 dBi |
| Total gain VHF | | | | |
| Total gain UHF | 30 dBi | 32 dBi | 34 dBi | 36 dBi |
| Horizontal beamwidth | 49 - 36° | 48 - 30° | 42 - 24° | 34 - 20° |
| Vertical beamwidth | 60 - 43° | 58 - 40° | 48 - 28° | 34 - 22° |
| Directivity (front/back) | 25 dB | 25 dB | 26 dB | 28 dB |
| Input voltage | 5 ± 0,5 VDC | 5 ± 0,5 VDC | 5 ± 0,5 VDC | 5 ± 0,5 VDC |
| Input current | 40 mA typ. | 40 mA typ. | 40 mA typ. | 40 mA typ. |
| Output impedance | 75 Ω | 75 Ω | 75 Ω | 75 Ω |
| Amplifier principle | Low noise amplifier | Low noise amplifier | Low noise amplifier | Low noise amplifier |
| Connection | F-female | F-female | F-female | F-female |
| Material | Gold anodized aluminium | Gold anodized aluminium | Gold anodized aluminium | Gold anodized aluminium |
| Working temperature | -40°C / +50°C | -40°C / +50°C | -40°C / +50°C | -40°C / +50°C |
| Length | 460 mm | 685 mm | 1350 mm | 2230 mm |
| Weight | 0,800 kg | 1,000 kg | 1,350 kg | 2,250 kg |



| | BM3517 P 174-862 | BM3529 P 174-862 | BM3553 P 174-862 | BM3597 P 174-862 |
|---|---|---|---|---|
| Preferred applications | Outdoor stationary reception | Outdoor stationary reception | Outdoor stationary reception | Outdoor stationary reception |
| Elements | 17 | 29 | 53 | 97 |
| Indicative reception distance | 25 km | 35 km | 45 km | 55 km |
| Windload (@ 120 km/h) | 47 N | 77 N | 115 N | 181 N |
| Working temperature | -40°C / +50°C | -40°C / +50°C | -40°C / +50°C | -40°C / +50°C |
| Channels VHF | 5 - 12 (174 - 230 MHz) | 5 - 12 (174 - 230 MHz) | 5 - 12 (174 - 230 MHz) | 5 - 12 (174 - 230 MHz) |
| Channels UHF | 21 - 69 (470 - 862 MHz) | 21 - 69 (470 - 862 MHz) | 21 - 69 (470 - 862 MHz) | 21 - 69 (470 - 862 MHz) |
| Antenna gain VHF | 3 dBi | 3 dBi | 3 dBi | 3 dBi |
| Antenna gain UHF | 7 dBi | 8 dBi | 10 dBi | 12 dBi |
| Amplifier gain VHF & UHF | | | | |
| Total gain VHF | 3 dBi | 3 dBi | 3 dBi | 3 dBi |
| Total gain UHF | 7 dBi | 8 dBi | 10 dBi | 12 dBi |
| Horizontal beamwidth | 49 - 36° | 48 - 30° | 42 - 24° | 34 - 20° |
| Vertical beamwidth | 60 - 43° | 58 - 40° | 48 - 28° | 34 - 22° |
| Directivity (front/back) | | | | |
| Input voltage | | | | |
| Input current | | | | |
| Output impedance | 75 Ω | 75 Ω | 75 Ω | 75 Ω |
| Amplifier principle | | | | |
| Connection | F-female | F-female | F-female | F-female |
| Material | Gold anodized aluminium | Gold anodized aluminium | Gold anodized aluminium | Gold anodized aluminium |
| Working temperature | -40°C / +50°C | -40°C / +50°C | -40°C / +50°C | -40°C / +50°C |
| Length | 470 mm | 680 mm | 1380 mm | 2280 mm |
| Weight | 0,910 kg | 0,985 kg | 1,235 kg | 1,775 kg |

| | BM4515 P 470-862 | BM4527 P 470-862 | BM4551 P 470-862 | BM4595 P 470-862 |
|---|---|---|---|---|
| Preferred applications | Outdoor stationary reception | Outdoor stationary reception | Outdoor stationary reception | Outdoor stationary reception |
| Elements | 15 | 27 | 51 | 95 |
| Indicative reception distance | 25 km | 35 km | 45 km | 55 km |
| Windload (@ 120 km/h) | 30 N | 60 N | 98 N | 164 N |
| Working temperature | -40°C / +50°C | -40°C / +50°C | -40°C / +50°C | -40°C / +50°C |
| Channels VHF | | | | |
| Channels UHF | 21 - 69 (470 - 862 MHz) | 21 - 69 (470 - 862 MHz) | 21 - 69 (470 - 862 MHz) | 21 - 69 (470 - 862 MHz) |
| Antenna gain VHF | | | | |
| Antenna gain UHF | 7 dBi | 9 dBi | 11 dBi | 13 dBi |
| Amplifier gain VHF & UHF | | | | |
| Total gain VHF | | | | |
| Total gain UHF | 7 dBi | 9 dBi | 11 dBi | 13 dBi |
| Horizontal beamwidth | 49 - 36° | 48 - 30° | 42 - 24° | 34 - 20° |
| Vertical beamwidth | 60 - 43° | 58 - 40° | 48 - 28° | 34 - 22° |
| Directivity (front/back) | | | | |
| Input voltage | | | | |
| Input current | | | | |
| Output impedance | 75 Ω | 75 Ω | 75 Ω | 75 Ω |
| Amplifier principle | | | | |
| Connection | F-female | F-female | F-female | F-female |
| Material | Gold anodized aluminium | Gold anodized aluminium | Gold anodized aluminium | Gold anodized aluminium |
| Working temperature | -40°C / +50°C | -40°C / +50°C | -40°C / +50°C | -40°C / +50°C |
| Length | 460 mm | 685 mm | 1350 mm | 2230 mm |
| Weight | 0,800 kg | 1,000 kg | 1,350 kg | 2,250 kg |

| | TV4ME | StiQ 1.0 | PCTV250 |
|---|---|---|---|
| Preferred applications | Portable reception in urban and remote areas | Portable reception in urban environment | Portable reception in urban environment |
| Indicative reception distance | 30 km | 10 km | |
| Available colours | Black & Blue | Black & Green | Black |
| Dimensions | 98 x 62 x 12 mm | 67 x 20 x 17 mm | 158 x 72 x 17 mm |
| Weight | 50 gr | 33 gr | 140 gr |
| Connection | i / micro USB | USB A 2.0 | USB A 2.0 |
| Supported TV standard | DVB-T | DVB-T | DVB-T / DVB-T2 |
| Video format | MPEG-2, MPEG-4 H.264 / AVC | MPEG-2, MPEG-4 H.264 / AVC | MPEG-2, MPEG-4 H.264 / AVC |
| Audio format | MPEG audio layer 1/2 stereo/dual | MPEG audio layer 1/2 stereo/dual | MPEG audio layer 1/2 stereo/dual |
| Features | PVR / Scheduled recording / EPG / Time shifting | PVR / EPG / Time shifting | PVR / EPG / Time shifting |

| | ADSC700 H40 174-240 | ADSC600 L38 174-1492 | ADSC410 H30 174-790 | ADSC470 H30 174-862 |
|---|---|---|---|---|
| Preferred applications | Automotive DAB / DAB+ receiver | Automotive DAB / DAB+ receiver | Portable or mobile diversity receiver | Portable or mobile diversity receiver |
| Indicative reception distance | 20 km | 20 km | 20 km | 20 km |
| Channels VHF | 5 - 13 (174 - 230 MHz) | 5 - 12 (174 - 230 MHz) | 5 - 12 (174 - 230 MHz) | 5 - 12 (174 - 230 MHz) |
| Channels UHF | | L-band (1452 - 1492 MHz) | 21 - 60 (470 - 790 MHz) | 21 - 69 (470 - 862 MHz) |
| Total gain VHF | 17 dBi | 11 - 18 dBi | 4 - 6 dBi | 4 - 6 dBi |
| Total gain UHF | | 5 - 11 dBi | 16 dBi | 16 dBi |
| Input voltage | 5 - 28 VDC | 5 - 12 VDC | 5 ± 0,5 VDC | 5 ± 0,5 VDC |
| Input current | 40 mA. typ | 38 mA typ. | 30 mA typ. | 30 mA typ. |
| Amplifier principle | Low noise amplifier | Low noise amplifier | Low noise amplifier | Low noise amplifier |
| Connection | Female angled SMB | Female angled SMB | F-male | F-male |
| Cable | 3 m flexible coaxial cable | 3 m flexible coaxial cable | 5 m flexible coaxial cable | 5 m flexible coaxial cable |
| Colour | Black / Transparent | Black / Transparent | Black | Black |
| Dimensions (h x w x d) | 270 x 27x 8 mm | 250 x 50 x 10 mm | 178 x 65 x 9 mm | 144 x 33 x 6,5 mm |
| Weight | 50 gr | 60 gr | 130 gr | 75 gr |

| | NLTE790 | PI150 | Universal PI |
|---|---|---|---|
| Preferred applications | Indoor active and passive terrestrial antennas | Remote power to active antenna | Remote power to active antenna |
| Power connection | | AC power plug with USB out | AC power plug |
| RF connections | Female and male F-connector | PAL (IEC) | F male to F female (incl. adapters) |
| Input voltage | | 100 - 240 VAC - 50/60 Hz | 101 - 240 VAC - 50/60 Hz |
| Output voltage | | 5 VDC | 6 VDC |
| Output current | | 170 mA | 171 mA |
| Loss | | 1 dB max. | 2 dB max. |
| Frequency range | 5 - 790 MHz | 5 - 862 MHz | 6 - 862 MHz |
| Insertion loss | 1 dB typ. | | |
| Return loss | ≥ 10 dB | | |
| Stop band | 820 - 1000 MHz | | |
| Rejection | 50 dB typ. | | |

All Funke products are provided with all required certifications and markings: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