



High-end antenna outlets and push-on splitters

High-End accessories for the distribution network



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Who we are and what we stand for

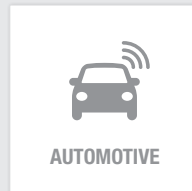
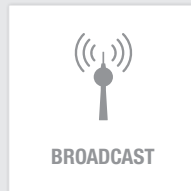
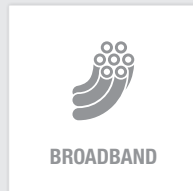
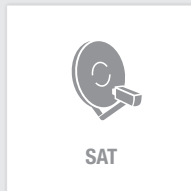
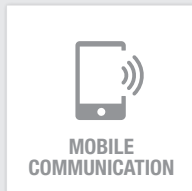
Kathrein is a leading international specialist for reliable, high-quality communication technologies.

We are an innovation and technology leader in today's connected world. Our ability to provide solutions and systems enables people all over the world to communicate, access information and use media, whether at home, at the office or on the road.

We cover a broad spectrum: from mobile communication and RFID solutions, to satellite reception, broadband and broadcast technology, to transmission and reception systems in vehicles.

As a hidden champion and family-owned enterprise, we have been working on the technologies of tomorrow since 1919. We take pride in our dedicated employees and our passion for customers and quality.

Our Solutions



Find out more about us at www.kathrein.com

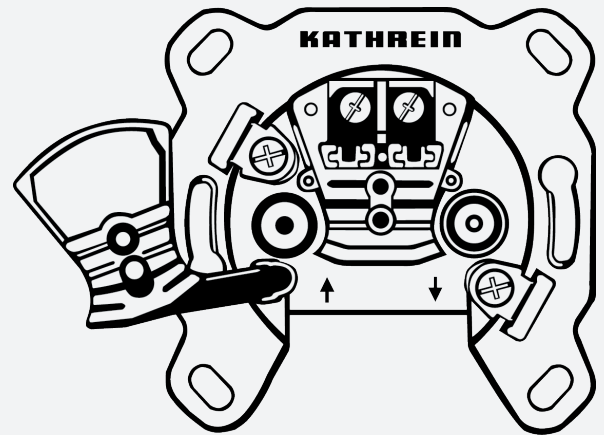
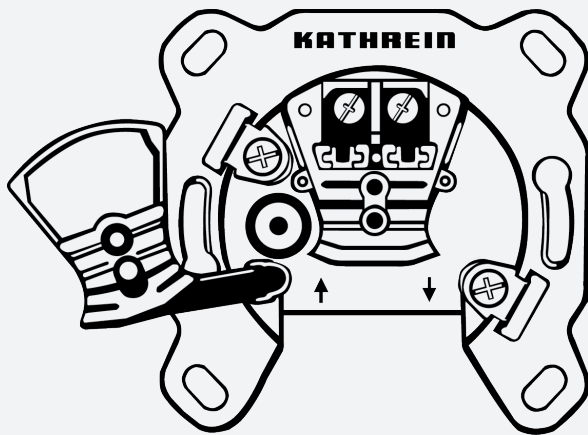
Antenna outlets

- **End-line antenna outlets for stub and star-wired systems**
- **Through antenna outlets**
- **Integrated high-performance multi-circuit coupler system:**
 - Low splitting losses to extend system reserves
 - Ultra-broadband optimised (5-2150 MHz)
 - Maximum sustainability through broadband on all connections (DVB-C2, DOCSIS 3.1 phase 3)
 - Novel insulation optimising technology
- **Extremely high screening values:**
 - Extended isolation from LTE interference (EMC)
 - Significant improvement on Class A requirements
- **Precision milled components ensure reliable contact:**
 - Milled brass parts, with extremely hard and extremely smooth surfaces (and therefore highly durable F threads)
 - White-bronze surface coating (prevents contact problems such as CPD/PIM/corrosion)
 - Environmentally friendly galvanisation of all relevant contact elements securing maximal sustainability
 - Nickel-free, non-allergenic
- **Optimised for triple play:**
 - Optimal multi-media transmission signal quality
 - Developed for Gigabit home networking technologies:
 - MoCA® (Multimedia over Coax Alliance, > 1 Gbit/s)
 - K-LAN (IEEE 1901, > 500 Mbit/s)
 - Controlled low decoupling when PoE filters utilised (e.g. EXI 90 for K-LAN)
- **Exceeds the requirements of EN 60728-11 and EN 50083-2:**
 - 100% check
 - Fully automated production in Germany
- **Well-proven design incorporates over 60 years of expertise and experience in antenna outlet design:**
 - Designed to fully comply with installer requirements
 - Secured and simply hinged cable clamp
 - Considerably extended pull-relief range
 - Wide clamping range for large and small cable diameters
 - Ample access to cable clamps
 - Simple connection in any installation case
 - Flexible screw-fastening
 - High quality SMD components and low-tolerance production precision
- **Adjustment-free design delivering highly reliability**
 - Sturdy die-cast housing



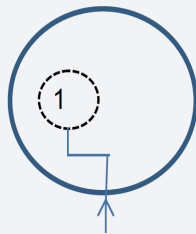
Antenna outlet 1-port

Antenna outlet 2-port



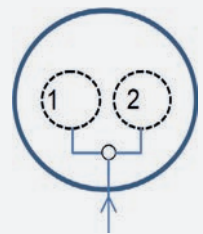
- > **Broadband antenna outlet**
1-port ESD 93

21110033 IEC (m)



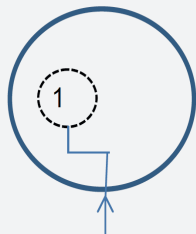
- > **Broadband antenna outlet**
2-port ESD 83

21110035 IEC (m & f)



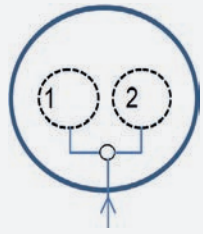
- > **Broadband antenna outlet**
1-port ESD 97

21110034 F (f)



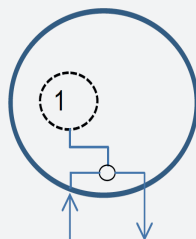
- > **Broadband antenna outlet**
2-port ESD 87

21110036 F (f)



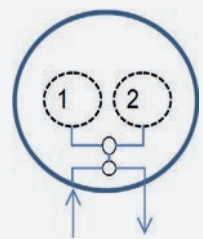
- > **Broadband loop through antenna outlet**
1-port ESD 73

21110037 IEC (m)



- > **Broadband loop through antenna outlet**
2-port ESD 63

21110038 IEC (m & f)
Delivery date on request



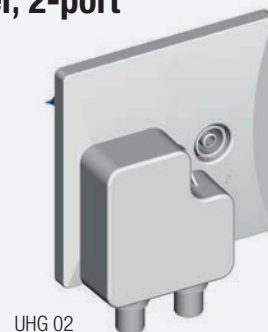
Push-on splitters

- **Push-on splitters for easy installation and retrofitting**
- **Compatible with all standard installation systems**
- **Integrated high-performance multi-circuit transmission system:**
 - Low splitting losses to extend system reserves
 - Ultra-broadband optimised (5-2150 MHz)
 - Maximum sustainability through broadband on all connections (DVB-C2, DOCSIS 3.1 phase 3)
 - Novel insulation optimising technology
- **Extremely high screening values:**
 - Extended resistance to LTE interference (EMC)
 - Typically > 100 dB, significantly better than the previous Class A
- **Precision-milled parts for reliable contacts:**
 - Milled brass parts, with extremely hard and extremely smooth surfaces (and therefore highly durable F threads)
 - White-bronze surface coating (prevents contact problems such as CPD/PIM/corrosion)
 - Environmentally friendly galvanisation of all relevant contact elements securing maximal sustainability
 - Nickel-free, non-allergenic
- **Optimised for triple play:**
 - Optimal multi-media transmission signal quality
 - Developed for Gigabit home networking technologies:
 - MoCA® (Multimedia over Coax Alliance, > 1 Gbit/s)
 - K-LAN (IEEE 1901, > 500 Mbit/s)
 - Controlled low decoupling when PoE filters utilised (e.g. EXI 90 for K-LAN)
- **Exceeds the requirements of EN 60728-11 and EN 50083-2:**
 - 100% check
 - Fully automated production in Germany
- **New development for current and future requirements:**
 - Sleek, modern and unobstrusive design
 - Allows use of the second antenna outlet port
 - Optimised for high-end antenna outlets
 - Compatible with existing outlets
 - Integrated fastening mechanism over the antenna outlet's main fixing screw
 - Easily accessible outputs
 - High quality SMD components and low-tolerance production precision
- **Adjustment-free design delivering high-reliability:**
 - Sturdy die-cast housing

➤ Push-on splitter, 2-port

UHG 02

21610033
Input: IEC (f)
Output: IEC (m)



➤ Push-on splitter, 2-port

UHG 12

21610034
Input: F (m)
Output: F (f)
Delivery date on request



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