

Antenna outlet socket GEDU 10

Art. Nr.: 0041 00

Antenna outlet socket GEDU 15

Art. Nr.: 0042 00

Antenna outlet socket GEDU 20

Art. Nr.: 0927 00

Description

For community antenna systems, CATV and SAT systems.

Two equivalent outputs (socket and plug) acc. to IEC 169-2 (DIN 45 325).
Any connection of radio receivers, TV-sets and SAT-receivers is possible.

Meets the specification 1 R 8-15 and the drafts DIN V VDE 0855.

Shielding rate

up to 470 MHz ≥ 75 dB

470 - 1000 MHz ≥ 65 dB

1000 - 2400 MHz ≥ 55 dB

Suitable as loop-wired and terminal socket (see Fig. 7, page 4).

Simplified connecting and easy mounting of the coaxial cables by clamp opened lateral.

For connecting of mini coax cables and coax cables with outer conductor diameter up to 5.5 mm.

Mounting

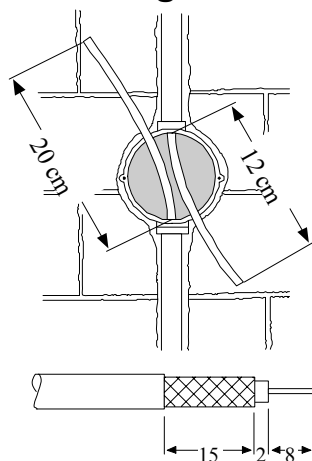


Fig.: 1

1. The antenna outlet sockets can be installed in flush mounting boxes of 58 mm \varnothing .
Provide the coaxial cables with a reserve of approx. 12 and 20 cm inside the flush mounting box.
Strip the cable ends (Fig. 1).

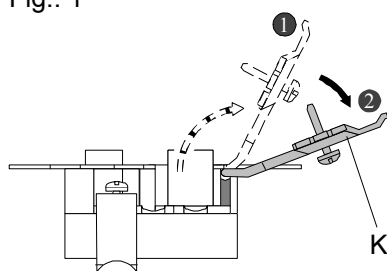


Fig.: 2

2. Open the clamp K entirely by passing position ① up to position ②. In position ② K is arrested.
(Fig. 2).

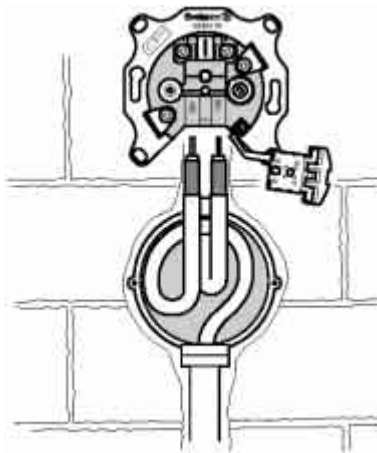


Fig.: 3

3. Install the coaxial cables acc. to Fig. 3.

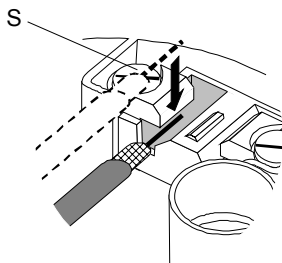


Fig.: 4

4. Loosen the contact screws S far enough for putting-in the centre conductor between white and black plastic part (Fig. 4).

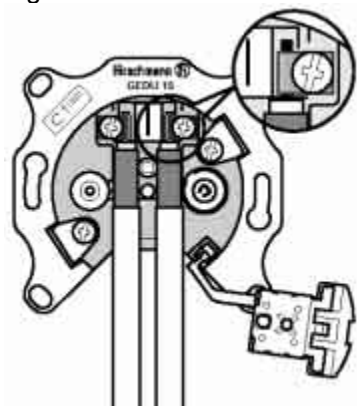


Fig.: 5

5. Fix the centre conductors with the contact screws S (Fig. 5).
Close the clamp K and fasten.

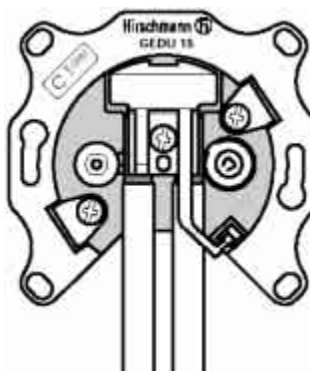
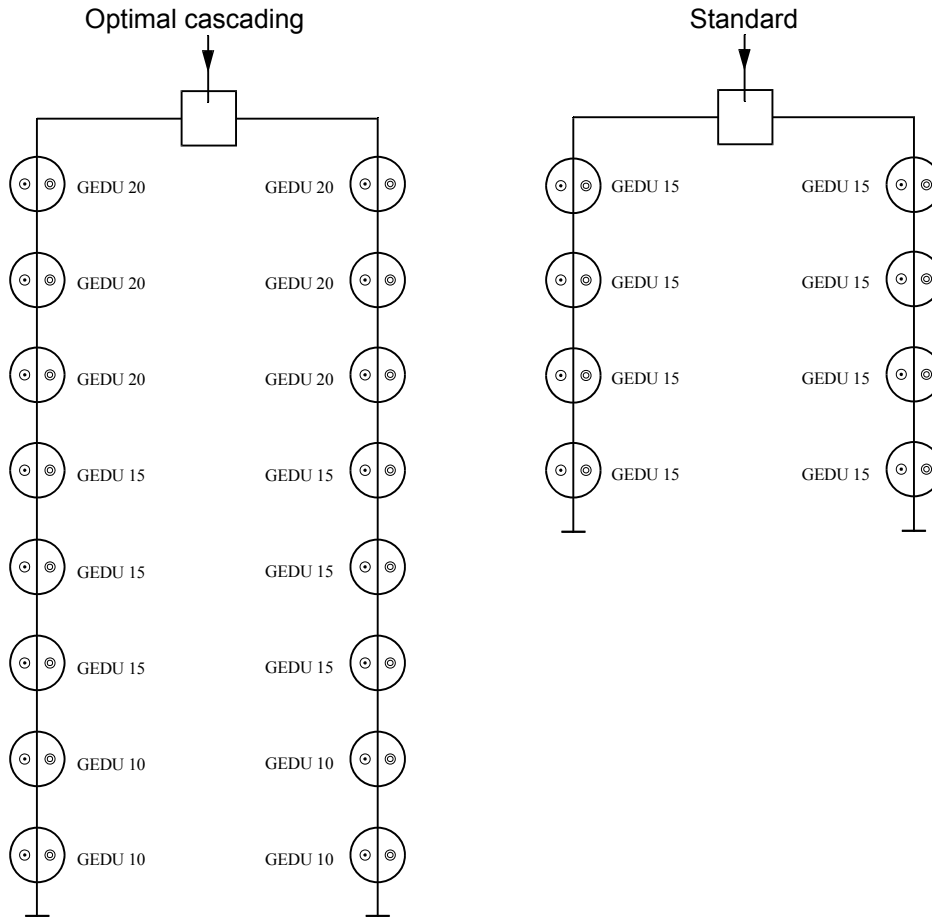


Fig.: 6

6. Insert the antenna outlet socket into the flush mounting box and fix with the two expanding claws Sk (Fig. 6).

7. Completely assemble the antenna outlet socket.

Examples of application



Technical data

Frequency range		f / MHz	AM / RC ¹⁾ 4-30	VHF I-III / SC ²⁾ 47-470	UHF IV / V 470-862	SAT 950-2050	SAT 2050-2400
Throughpass attenuation	GEDU 10	dB	2,8	2,2	2,4	3,2	4,2
	GEDU 15	dB	1,0	0,8	0,8	1,4	1,8
	GEDU 20	dB	0,8	0,6	0,8	1,1	1,4
Output attenuation	GEDU 10	dB	11,5	10	10	10	11,5
	GEDU 15	dB	14,5	14,5	14,5	15	15,5
	GEDU 20	dB	20	20	20	20,5	21
Directional attenuation	GEDU 10	dB	35	40	36	22	20
	GEDU 15	dB	30	40	40	30	26
	GEDU 20	dB	40	44	40	30	30
Decoupling internal	GEDU 10	dB	40	42	38	32	30
	GEDU 15	dB	18	24	24	24	24
	GEDU 20	dB	18	24	24	22	20
Decoupling between 2 sockets	GEDU 10	dB	40	50	46	32	32
	GEDU 15	dB	44	54	54	44	42
	GEDU 20	dB	60	64	60	50	50

1) RC = Reverse channel range

2) SC= Special channels

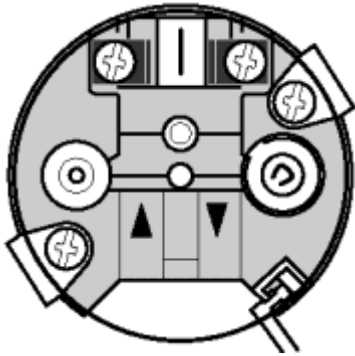


Fig.: 7

Loop-wired socket

When connecting incoming and outgoing trunk lines please consider the direction marking arrows.

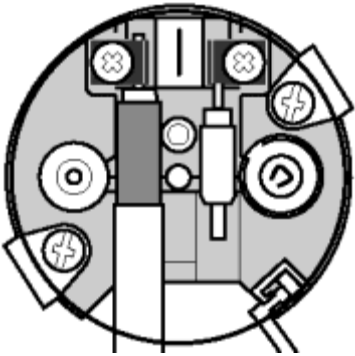


Fig.: 8

When used as a terminal socket (last socket in trunk line), the terminal resistor R 77 (Gira - Bestell-Nr.: 040 00) is to be connected in the place of an outgoing cable.

Acceptance of guarantee

We accept the guarantee in accordance with the corresponding legal provisions.

Please return the unit postage paid to our central service department giving a brief description of the fault:

Gira
Giersiepen GmbH & Co. KG
Service Center
Dahlienstrasse 12
D-42477 Radevormwald



The CE sign is a free trade sign addressed exclusively to the authorities and does not include any warranty of any properties.

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