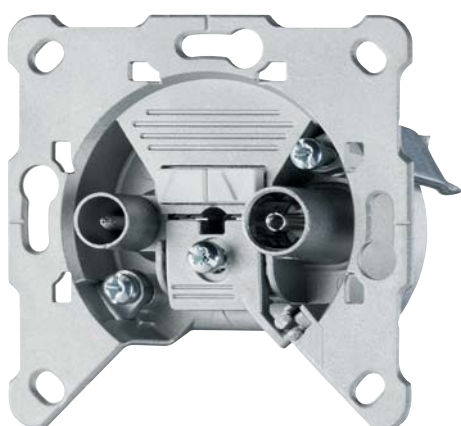


Multimedia Electronics



Clever in details!

PRODUCT INFORMATION


Super wide-band socket Double outlet

Single socket	Order No.
EDU 04 F	940 105-001

Pass-through socket	Order No.
GEDU 10	940 106-001
GEDU 15	940 107-001
GEDU 20	940 108-001

Description

The Super wide-band socket is part of the new Antenna Outlet Socket Generation from Hirschmann:

- ▶ intelligent push-lock terminal 
- ▶ quick and easy mounting
- ▶ excellent electrical parameters
- ▶ absolutely reliable and durable - "Made in Germany"

Special features of the Super wide-band sockets EDU/GEDU:

- ▶ Universal antenna socket with one general frequency range for TV/RF and Sat, therefore flexible and future-proof
- ▶ for CATV and satellite distribution networks
- ▶ 2 equivalent outlets for any terminal equipment
- ▶ prepared for return channel
- ▶ remote feeding at TV outlet (only EDU 04 F)
- ▶ according to RoHS, EN 50083-2 (class A), EN 50083-4 (methods of measurement)
- ▶ **EDU 04 F:**
Single socket for decoupled branch lines from the floor tap off or multiswitch/LNB
- ▶ **GEDU 10/15/20:**
Pass-through socket for tree networks

Antennas

Signal Processing

Amplifiers

Multiswitches

Passive Components

Receivers

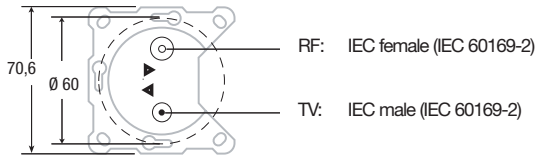
catTV

Plugs, Cables, Measuring Equipment

Technical Data

Mechanics

Outlets:



Screening effectiveness	dB	class A (> 85 dB, EN 50083-2)
Weight	g	90
Package 10pcs	mm	229 x 142 x 75 (wxhxd)

Connected load

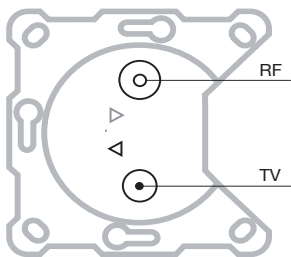
Remote feeding (outlet TV)		max 24 V/500 mA (only EDU 04 F)
Connection impedance	Ω	75

Operating conditions

Temperature	°C	-25...+55, local fixed, weather protected (ETSI 300 019-1-3)
Reliability MTBF	h	>1.000.000 (Belcore @ 25° C)

Attenuation

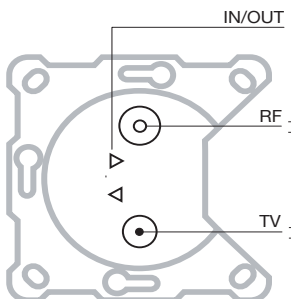
EDU 04 F:



Isolation	TV - RF	
Return Loss	IN	
	RF	
	TV	

DC	f (MHz)										
	5	30	47	470		862	950	SAT		2150	2400
	RK	FM	VHF	UHF							
	4,0	4,0	4,0	4,0	4,0			4,7			5,5
	4,0	4,0	4,0	4,0	4,0			4,7			5,5
	14		20		20			20			20
	10(>6)		10(>6)		10(>6)			12(>8)			12
	18(>12)		18(>12)		12(>8)			12(>8)			12
	18(>12)		18(>12)		12(>8)			12(>8)			12

GEDU 10/15/20:



Isolation	OUT-TV/RF	GEDU 10									
		GEDU 15									
		GEDU 20									
	TV - RF	GEDU 10									
		GEDU 15									
		GEDU 20									
Return Loss	IN	10/15/20									
	OUT	10/15/20									
	TV/RF	10/15/20									

DC	f (MHz)										
	5	30	47	470		862	950	SAT		2150	2400
	RK	FM	VHF	UHF							
GEDU 10	2,8	2,8	2,2		2,4			3,2			4,2
GEDU 15	1,0	1,0	0,8		0,8			1,4			1,8
GEDU 20	0,8	0,8	0,6		0,8			1,1			1,4
GEDU 10	11,5	11,5	10,0		10,0			10,0			11,5
GEDU 15	14,5	14,5	14,5		14,5			15,0			15,5
GEDU 20	20,0	20,0	20,0		20,0			20,0			20,0
GEDU 10	11,5	11,5	10,0		10,0			10,0			11,5
GEDU 15	14,5	14,5	14,5		14,5			15,0			15,5
GEDU 20	20,0	20,0	20,0		20,0			20,0			20,0
GEDU 10	35		40		34			20			18
GEDU 15	30		40		36			30			26
GEDU 20	40		44		40			30			30
GEDU 10	40		40		37			30			26
GEDU 15	18		24		24			24			24
GEDU 20	18		24		24			22			20
10/15/20	18(>10)		20(>12)		20(>12)			18(>12)			16(>10)
10/15/20	18(>14)		24(>20)		20(>16)			18(>12)			16(>10)
10/15/20	12		16(>12)		14(>10)			12(>10)			12

The technical indications are typical values averaged from all frequencies and item varieties, they are subject to the usual tolerances.