

**Clever in details!**
**PRODUCT INFORMATION**
**TWIN Sat socket**  
**Triple outlet**
**Single socket**  
**EDS 322 F**
**Order No.**  
**940 114-001**
**Description**

**The TWIN Sat 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 TWIN Sat socket EDS:**

- ▶ Triple outlet socket, especially for the use in multiswitch systems or in single satellite systems
- ▶ for independent operation with two Sat receivers (e.g. Twin Sat receiver with hard disc)
- ▶ extremely low distribution operation loss by means of selective splitting of the frequency bands via filters
- ▶ 2 separate remote feeding Sat outlets (2 x F female), 1 TV/RF outlet (IEC female)
- ▶ according to RoHS, EN 50083-2 (class A), EN 50083-4 (methods of measurement)
- ▶ Single socket for two decoupled branch lines from the multiswitch or LNB

Antennas

Signal Processing

Amplifiers

Multiswitches

**Passive Components**

Receivers

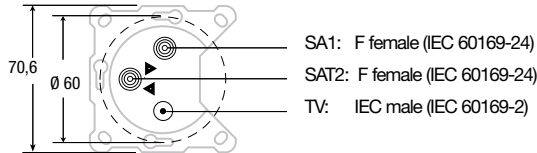
catTV

Plugs, Cables, Measuring Equipment

## Technical Data

### Mechanics

#### Outlets:



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

### Connected load

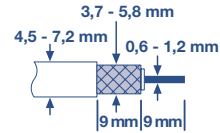
DC via through pass	24 V max/500 mA max
DC via SAT	24 V max/500 mA max
Connection impedance	Ω 75

### Operating conditions

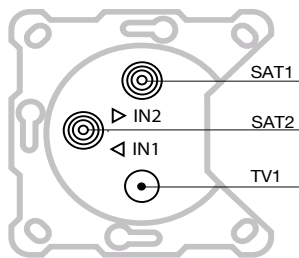
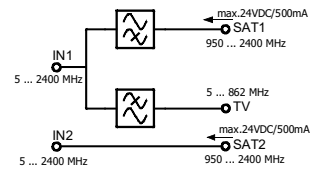
Temperature	°C	-25...+55, local fixed, weather protected, (ETSI 300 019-1-3)
reliability MTBF	h	>1.000.000 (Belcore @ 25° C)

### Attenuation

### Recommende cable dimensions:



### Scematic diagram EDS 01 F:



#### Isolation

TV - SAT 1  
 TV - SAT 2  
 IN 1 - IN 2  
 SAT 1 - SAT 2  
 IN 2 - SAT 1/  
 IN 1 - SAT 2

#### Return Loss

IN 1, 2  
 TV  
 SAT 1  
 SAT 2

DC	5	790	862	950	f (MHz)		2150	2400
	30	25			1,2		1,2	
					1,2		1,2	
	1,0	1,2			20		15	
	30	25			20		15	
	45	40			30		25	
	40	35			25		20	
	40	35			25		20	
	40	35			25		20	
	12(>8)	12(>8)			10(>8)		10(>6)	
	12(>8)	12(>8)			10(>8)		10(>6)	
					10(>8)		10(>6)	
					10(>8)		10(>6)	