

## C-UB


Order No.: 2782245



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Attachment connector with surge protection, for coaxial signal interfaces. Connection: BNC female/male connector

### Commercial data

GTIN (EAN)	 4 017918 069438
sales group	J401
Pack	10 pcs.
Customs tariff	85363010
Catalog page information	Page 113 (TT-2002)

### Product notes

WEEE/RoHS-compliant since:  
07/17/2006



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### Technical data

#### General

Housing material	Aluminum
Color	black
Standards for air and creepage distances	DIN VDE 0110-1 IEC 60664-1: 1992-10
Ambient temperature (operation)	-40 °C ... 80 °C

Mounting type	Connection-specific intermediate plugging
Design	Attachment plug
Degree of protection	IP20
Direction of action	Line-Shield/Earth Ground
Width	25.40 mm
Height	25.40 mm
Length	68.00 mm

**Protective circuit**

IEC category	C2
	C3
	D1
VDE requirement class	C2
	C3
	D1
Maximum continuous voltage $U_C$ (wire-ground)	68 V DC
	50 V AC
Nominal current $I_N$	1 A (25°C)
Operating effective current $I_C$ at $U_C$	$\leq 1 \mu\text{A}$
Ground conductor current $I_{PE}$	$\leq 1 \mu\text{A}$
Nominal discharge surge current $I_n$ (8/20) $\mu\text{s}$ (Core-Earth)	10 kA
Nominal discharge surge current $I_n$ (8/20) $\mu\text{s}$ (Core-Shield)	10 kA
Output voltage limitation at 1 kV/ $\mu\text{s}$ (Core-Earth) spike	$\leq 650 \text{ V}$
Output voltage limitation at 1 kV/ $\mu\text{s}$ (Core-Shield) spike	$\leq 650 \text{ V}$
Protection level $U_P$ (Core-Earth)	$\leq 650 \text{ V}$
Protection level $U_P$ (Core-Shield)	$\leq 650 \text{ V}$
Response time $t_A$ (Core-Earth)	$\leq 100 \text{ ns}$
Input attenuation aE, asym.	0.1 dB (up to 20 MHz in a 50 $\Omega$ system)
Cut-off frequency $f_g$ (3 dB), asym. (shield) in 50 Ohm system	1 GHz
Standing wave ratio SWR in a 50 $\Omega$ system	$\leq 1.2$ (200 MHz)
Permissible HF power $P_{max.}$ at SWR=xx (50 Ohm system)	40 W (at SWR = 1.1 in a 50 $\Omega$ system)
	12 W (at SWR = infinity in a 50 $\Omega$ system)

Capacity asymmetrical (shield)	1.5 pF (typical)
Surge carrying capacity in acc. with IEC 61643-21 (Core-Earth)	C2 (10 kV/5 kA)
	D1 (2.5 kA)

**Connection data**

Type of connection	BNC 50 Ω
Connection type IN	BNC plug
Connection type OUT	BNC socket

**Connection, protective circuit**

Standards/regulations	DIN EN 61643-21
	E VDE 0845-3-1
	IEC 61643-21

**Certificates / Approvals**

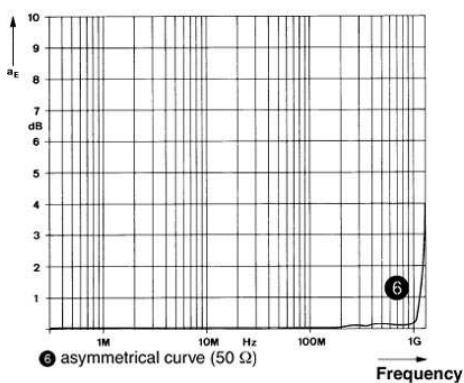


Certification

GOST

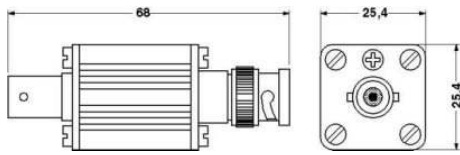
**Diagrams/Drawings**

Diagram



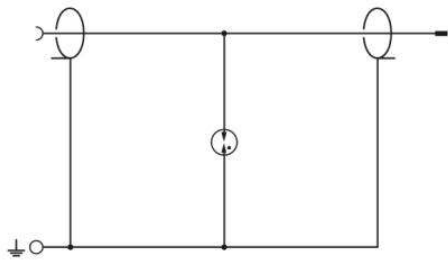
Dimensioned drawing

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Circuit diagram

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