



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# C-UB

Order No.: 2782245




<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2782245>

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



<http://www.download.phoenixcontact.com>  
 Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

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 $\Omega$
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

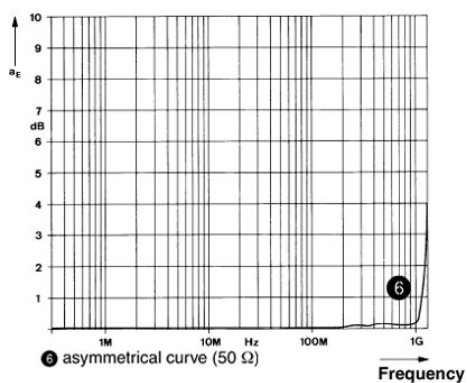
**Certificates / Approvals**

Certification

GOST

**Diagrams/Drawings**

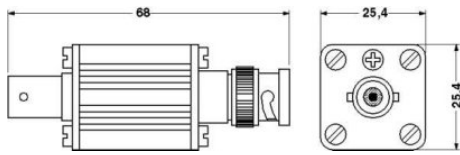
## Diagram





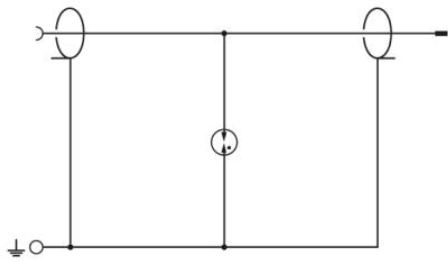
Dimensioned drawing

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Circuit diagram

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