



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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China




# CN-LAMBDA/4-5.9-BB

Order No.: 2838490



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2838490>

Attachment plug with Lambda/4 technology as surge protection for coaxial signal interfaces. Connection: N connectors female connector/ female connector

Commercial data	
GTIN (EAN)	4 046356 285629 
sales group	J401
Pack	1 pcs.
Customs tariff	85363010
Catalog page information	Page 171 (TT-2009)

### Product notes

WEEE/RoHS-compliant since:  
08/06/2008



<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	Brass (CuZn)
Color	nickel
Total surge current (8/20) $\mu$ s	60 kA
Total surge current (10/350) $\mu$ s	20 kA

Ambient temperature (operation)	-40 °C ... 90 °C
Mounting type	Connection-specific intermediate plugging
Design	Attachment plug
Number of positions	1
Degree of protection	IP68
Direction of action	Line-Shield/Earth Ground
Width	26.10 mm
Height	60.00 mm
Length	38.00 mm
<b>Protective circuit</b>	
IEC category	C2
	C3
	D1
VDE requirement class	C2
	C3
	D1
Nominal current $I_N$	5 A (25°C)
Nominal discharge surge current $I_n$ (8/20) $\mu$ s (Core-Earth)	50 kA
Nominal discharge surge current $I_n$ (8/20) $\mu$ s (Core-Shield)	50 kA
Total surge current (8/20) $\mu$ s	60 kA
Max. discharge surge current $I_{max}$ (8/20) $\mu$ s maximum (Core-Earth)	60 kA
Max. discharge surge current $I_{max}$ (8/20) $\mu$ s maximum (Core-Shield)	60 kA
Lightning test current (10/350) $\mu$ s, peak value $I_{imp}$	$\leq 20$ kA
Output voltage limitation at 1 kV/ $\mu$ s (Core-Earth) spike	$\leq 11$ V (6 kV/3 kA)
Output voltage limitation at 1 kV/ $\mu$ s (Core-Shield) spike	$\leq 11$ V (6 kV/3 kA)
Output voltage limitation at 1 kV/ $\mu$ s (Core-Earth) static	$\leq 11$ V (6 kV/3 kA)
Output voltage limitation at 1 kV/ $\mu$ s (Core-Shield) static	$\leq 11$ V (6 kV/3 kA)
Protection level $U_p$ (Core-Earth)	$\leq 11$ V (6 kV/3 kA)
Protection level $U_p$ (Core-Shield)	$\leq 11$ V (6 kV/3 kA)
Input attenuation aE, asym.	Typ. 0.05 dB ( $\leq 0.15$ dB)

Frequency range	2.4 GHz ... 5.9 GHz
Standing wave ratio SWR in a 50 Ω system	Typ. 1.1 (≤ 1.20 (2.4 GHz...5.9 GHz))
Permissible HF power P <sub>max.</sub> at SWR=xx (50 Ohm system)	≤ 500 W
	≤ 4 kW (peak)
Surge carrying capacity in acc. with IEC 61643-21 (Core-Earth)	C2 (10 kV/5 kA)
	D1 (2.5 kA)
Surge carrying capacity in acc. with IEC 61643-21 (Core-Shield)	C2 (10 kV/5 kA)
	D1 (2.5 kA)

#### Connection data

Type of connection	N Connector
Connection type IN	N connector, female
Connection type OUT	N connector, female

#### Connection, protective circuit

Standards/regulations	IEC 61643-21
-----------------------	--------------

#### Certificates / Approvals



Certification GOST

#### Accessories

Item	Designation	Description
<b>Assembly</b>		
2818135	CN-UB/MP	Tongue for attaching the CN-UB..., to housing panels, for example.
2803137	CN-UB/MP-90DEG-50	Angled bracket for individually fixing CN-UB... to housing panels, for example.

### Additional products

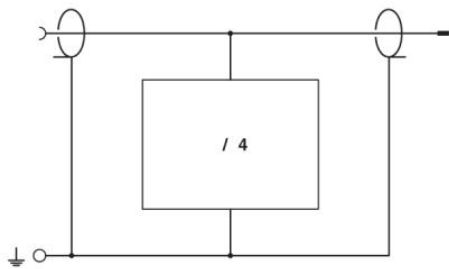
Item	Designation	Description
------	-------------	-------------

#### Assembly

2818135	CN-UB/MP	Tongue for attaching the CN-UB..., to housing panels, for example.
---------	----------	--

### Diagrams/Drawings

Circuit diagram



**Address**

PHOENIX CONTACT Deutschland GmbH  
Flachmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 12000  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



© 2010 Phoenix Contact  
Technical modifications reserved;