



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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CN-LAMBDA/4-5.9-SB

Order No.: 2800023

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2800023>

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

Commercial data

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

Product notesWEEE/RoHS-compliant since:
04/09/2008

<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) μ s	60 kA
Total surge current (10/350) μ s	20 kA

Ambient temperature (operation)	-40 °C ... 90 °C
Mounting type	Connection-specific intermediate plugging
Design	Attachment plug
Degree of protection	IP68
Direction of action	Line-Shield/Earth Ground
Width	26.10 mm
Height	65.00 mm
Length	38.00 mm
Protective circuit	
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) μ s (Core-Earth)	50 kA
Nominal discharge surge current I_n (8/20) μ s (Core-Shield)	50 kA
Total surge current (8/20) μ s	60 kA
Max. discharge surge current I_{max} (8/20) μ s maximum (Core-Earth)	60 kA
Max. discharge surge current I_{max} (8/20) μ s maximum (Core-Shield)	60 kA
Lightning test current (10/350) μ s, peak value I_{imp}	≤ 20 kA
Output voltage limitation at 1 kV/ μ s (Core-Earth) spike	≤ 11 V (6 kV/3 kA)
Output voltage limitation at 1 kV/ μ s (Core-Shield) spike	≤ 11 V (6 kV/3 kA)
Output voltage limitation at 1 kV/ μ s (Core-Earth) static	≤ 11 V (6 kV/3 kA)
Output voltage limitation at 1 kV/ μ s (Core-Shield) static	≤ 11 V (6 kV/3 kA)
Protection level U_p (Core-Earth)	≤ 11 V (6 kV/3 kA)
Protection level U_p (Core-Shield)	≤ 11 V (6 kV/3 kA)
Input attenuation aE, asym.	Typ. 0.05 dB (≤ 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 _{max.} 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, male
Connection type OUT	N connector, female

Connection, protective circuit

Standards/regulations	IEC 61643-21
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Certificates / Approvals



Certification GOST

Accessories

Item	Designation	Description
Assembly		
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

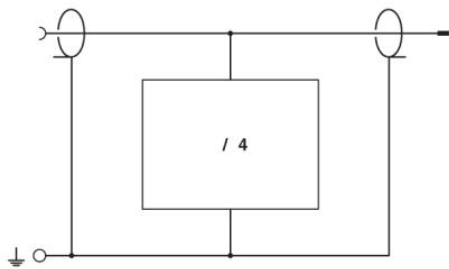
Item	Designation	Description
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Assembly

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

Circuit diagram



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