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

Why buy this product

- High HF power in the kW range
- ✓ Outdoor surge protection
- Maintenance-free surge protection with LAMBDA/4 technology



Key Commercial Data

Packing unit	1 STK
GTIN	4 046356 285629
GTIN	4046356285629
Weight per Piece (excluding packing)	140.190 g
Custom tariff number	85363010
Country of origin	United States

Technical data

Dimensions

Height	38 mm
	38 mm
Width	26.1 mm
Depth	60 mm

Ambient conditions

Ambient temperature (operation)	-40 °C 90 °C
Degree of protection	IP68

General



Technical data

General

Housing material	Brass (CuZn)
Color	nickel
Mounting type	Connection-specific intermediate plugging
Design	Attachment plug
Number of positions	1
Direction of action	Line-Shield/Earth Ground

Protective circuit

IEC test classification	C2
	C3
	D1
VDE requirement class	C2
	C3
	D1
Rated current	5 A (25 °C)
Nominal discharge current I _n (8/20) µs (core-earth)	50 kA
Nominal discharge current I _n (8/20) µs (Core-Shield)	50 kA
Pulse discharge current I _{imp} (10/350) µs (core-ground)	≤ 20 kA
Total discharge current I _{total} (8/20) μs	60 kA
Total discharge current I _{total} (10/350) μs	20 kA
Max. discharge current I _{max} (8/20) µs maximum (Core-Earth)	60 kA
Max. discharge current I _{max} (8/20) µs maximum (Core-Shield)	60 kA
Output voltage limitation at 1 kV/µs (core-earth) spike	≤ 11 V (6 kV / 3 kA)
Output voltage limitation at 1 kV/µs (Core-Shield) spike	≤ 11 V (6 kV / 3 kA)
Output voltage limitation at 1 kV/µs (core-earth) static	≤ 11 V (6 kV / 3 kA)
Output voltage limitation at 1 kV/µs (Core-Shield) static	≤ 11 V (6 kV / 3 kA)
Voltage protection level U _p (core-ground)	≤ 11 V (6 kV / 3 kA)
Voltage 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 GHz5.9 GHz))
Permissible HF power P_{max} at VSWR = xx (50 ohm system)	≤ 500 W
	≤ 4 kW (peak)
Surge protection fault message	None
Impulse durability (conductor-ground)	C2 - 10 kV/5 kA
	D1 - 2.5 kA
Impulse durability (conductor-shield)	C2 - 10 kV/5 kA
	D1 - 2.5 kA

Connection data

Connection method	N Connector



Technical data

Connection data

Connection method IN	N connector, female
Connection method OUT	N connector, female

Standards and Regulations

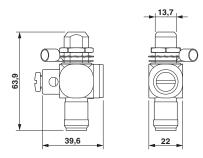
Standards/regulations	IEC 61643-21
Standards/specifications	IEC 61643-21 2005

Environmental Product Compliance

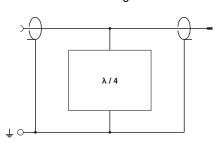
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing







Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approval details



EAC-Zulassung



Accessories

Accessories

Assembly adapter

Mounting plate - CN-UB/MP - 2818135



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

Mounting plate - CN-UB/MP-90DEG-50 - 2803137



Angled bracket for individually fixing CN-UB... to housing panels, for example.

Additional products

Mounting plate - CN-UB/MP - 2818135



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

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