

CTNC-UFB-5DC/E

Order No.: 2762087



Attachment plug with surge voltage coarse and fine protection, for coaxial signal interfaces with floating shield, signal voltage 5 V.
Connection: TNC female/male connector

Commercial data	
EAN	4017918064839
Pack	10 pcs.
Customs tariff	85363010
Weight/Piece	0.11418 KG
Catalog page information	Page 117 (TT-2002)

Product notes

WEEE/RoHS-compliant since:
06/16/2006



Technical data	
General	
Housing material	Aluminum
Color	black
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	93.00 mm
Length	25.40 mm
Protective circuit	
IEC category	C2
	C3

VDE requirement class	C2
	C3
Nominal voltage U_N	5 V DC
Arrester rated voltage U_c (Core-Earth)	5 V DC
Nominal current I_N	185 mA (25°C)
Operating effective current I_c at U_c	$\leq 300 \mu\text{A}$
Nominal discharge surge current I_n (8/20) μs (Core-GND)	10 kA
Output voltage limitation at 1 kV/ μs (Core-Core) spike	$\leq 13 \text{ V}$
Output voltage limitation at 1 kV/ μs (Core-Earth) spike	$\leq 500 \text{ V}$
Output voltage limitation at 1 kV/ μs (Core-Earth) static	$\leq 500 \text{ V}$
Output voltage limitation at 1 kV/ μs (Core-GND) static	$\leq 13 \text{ V}$
Residual voltage at I_n , (conductor-GND)	$\leq 10 \text{ V}$
Protection level U_p (Core-Earth)	$\leq 500 \text{ V}$
Protection level U_p (Core-GND)	$\leq 13 \text{ V}$
Response time t_A (Core-Earth)	$\leq 500 \text{ ns}$
	$\leq 100 \text{ ns}$
Cut-off frequency f_g (3 dB), asym. (PE) in 50 Ohm system	170 MHz
Resistance in series	22 Ω
Connection data	
Type of connection	TNC 50 Ω
Connection type IN	TNC socket
Connection type OUT	TNC plug
Connection, protective circuit	
Standards/regulations	Draft IEC 64644-1
	E VDE 0845-3-1

Certificates / Approvals

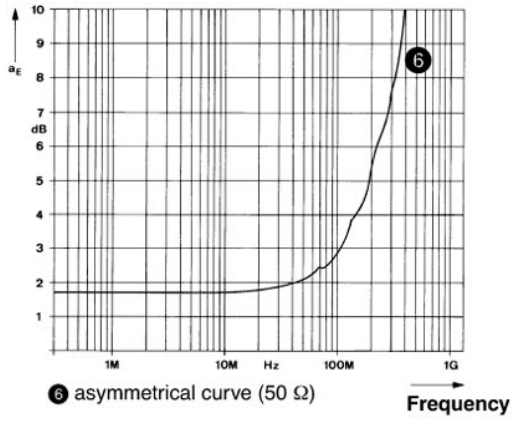


Certification

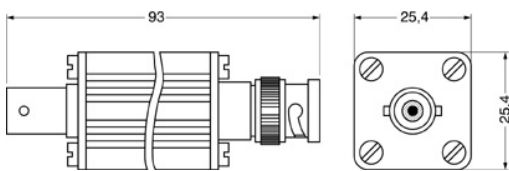
GOST

Drawings

Diagram



Dimensioned drawing



Circuit diagram

