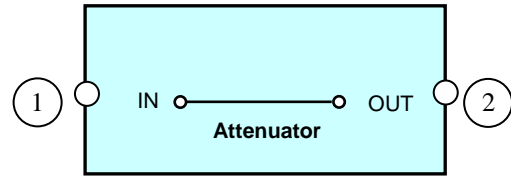


COAXIAL ATTENUATOR



Picture not binding



block diagram

Electrical characteristics

Part number	BN 745418	BN 745419	BN 745420	BN 745421
Attenuation	3 ± 0.5 dB	6 ± 0.5 dB	10 ± 0.6 dB	20 ± 0.6 dB
Frequency range	DC - 6 GHz			
Impedance	50 Ohm			
Frequency range	DC – 2 GHz	2 GHz – 4GHz	4 GHz – 6GHz	
VSWR	1.05 typ. (1.25 max.)	1.1 typ. (1.25 max.)	1.15 typ. (1.25 max.)	
Return Loss	32.3 dB typ. (19.1 dB max.)	26.4 dB typ. (19.1 dB max.)	23.1 dB typ. (19.1 dB max.)	
Power Rating	10 W (CW) max. 1)			

Mechanical characteristics

Connectors	4.3-10 plug / 4.3 -10 socket
Dimensions, approx.	25 x 74 mm (Diameter x Height)
Weight, approx.	0.1kg
Wall / Mast mounting	n/a
Housing	Aluminum

Environmental conditions

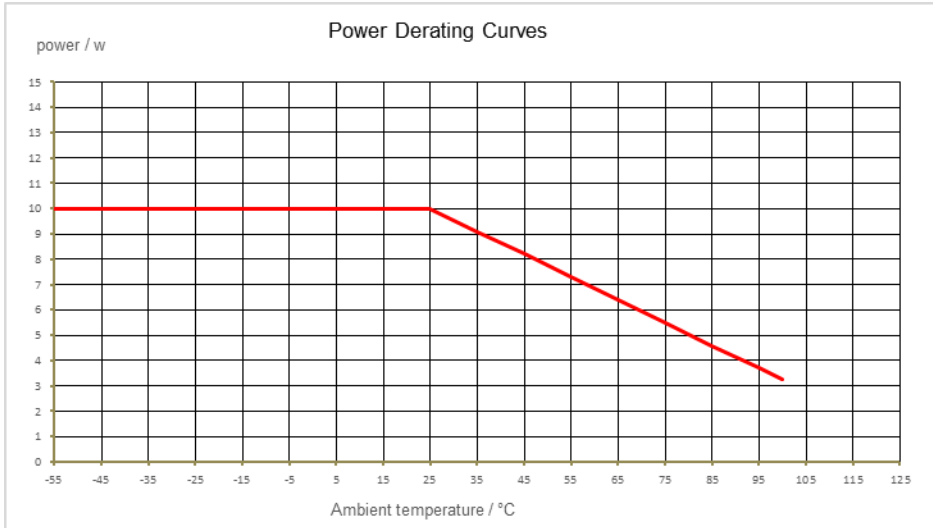
Class. of environmental conditions	ETSI EN 300019-1-1 Class 1.2 ETSI EN 300019-1-2 Class 2.3 ETSI EN 300019-1-4 Class 4.1E
Degree of protection	IP 65
Operation Ambient temperature range	-55 °C to +25 °C full Power 1)
Storage Ambient temperature range	-40 °C to +85 °C
Relative humidity, max.	95% (non-condensing)

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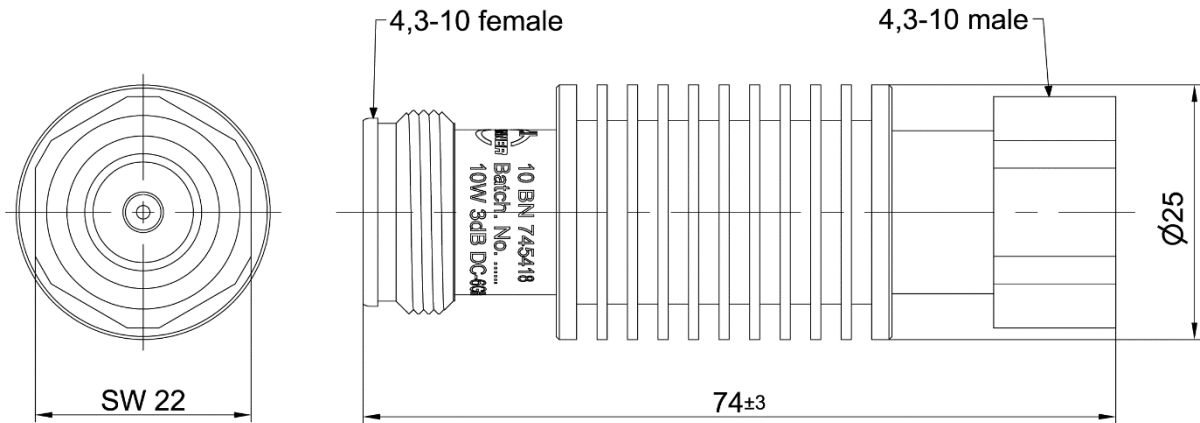
COAXIAL ATTENUATOR

1) The maximum power handling is reduced with rising ambient temperatures as follows



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Outline (all dimensions in millimeter)



Standard:

4.3-10 female / male (50 ohms): IEC 61169-54

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