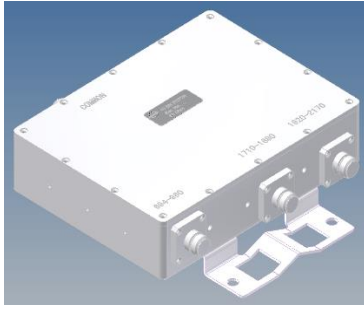
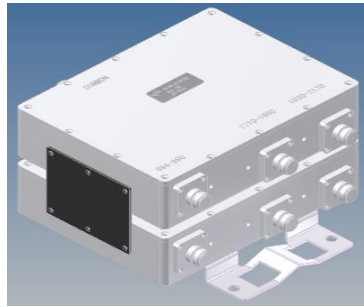


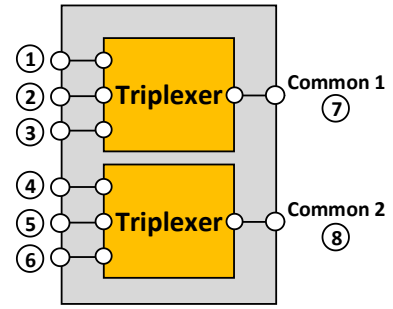
Triplexer 1800 / 2100 / 2600



Single Unit



Double Unit



block diagram

Electrical characteristics

Part number	BN 570734	BN 570735	BN 570736	BN 570737	BN 570738	BN 570739
Version	single			double		
Frequency range Port 1,4 Port 2,5 Port 3,6	1710 – 1880 MHz (1800) 1920 – 2170 MHz (2100) 2500 – 2690 MHz (2600)					
Insertion loss Port 1 → Port 7 / Port 4 → Port 8 Port 2 → Port 7 / Port 5 → Port 8 Port 3 → Port 7 / Port 6 → Port 8	≤ 0.40 dB ≤ 0.45 dB ≤ 0.50 dB					
VSWR	≤ 1.25					
Isolation	≥ 50 dB					
DC by-pass	all inputs → output (unidirectional)	Port 1 → Port 7 (unidirectional)	Port 2 → Port 7 (unidirectional)	all inputs → output (unidirectional)	Port 1/4 → Port 7/8 (unidirectional)	Port 2/5 → Port 7/8 (unidirectional)
	max. 1A per input max. 60V DC (AISG Standard, 2.0, § 6.4)					
Intermodulation products 3 <sup>rd</sup> order @ 2 x 20 W	≤ -155 dBc					
Surge Protection	3 kA (10/350 µs pulse)					
Impedance	50 Ohm					
Power Rating	240 W (CW) max. per input port (max combined power 500 W)					

Mechanical characteristics

Connectors	4.3-10 female	
Dimensions, approx. (Excluding brackets and connectors)	183 x 194 x 52 mm (Width x Height x Depth)	183 x 194 x 109 mm (Width x Height x Depth)
Weight, approx.	3.3 kg	6.6 kg
Wall / Mast mounting	Part of delivery	

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 (Outdoor)
Operation Ambient temperature range	-25 °C to +65 °C
Storage Ambient temperature range	-40 °C to +85 °C

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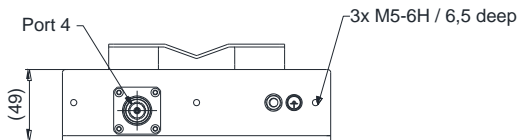
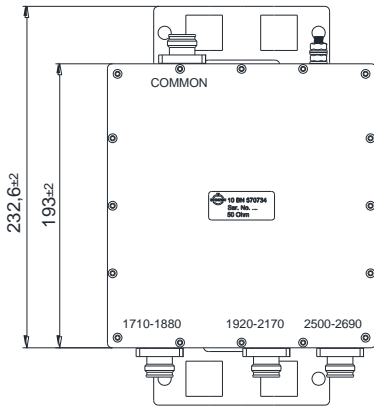
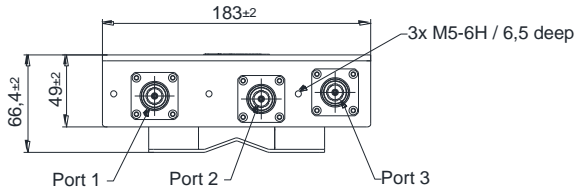
Template TD-00002Y

Triplexer 1800 / 2100 / 2600

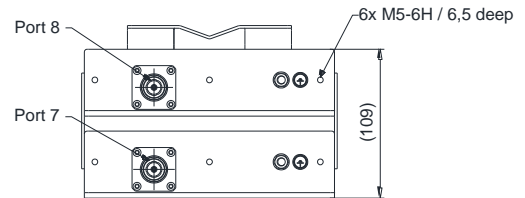
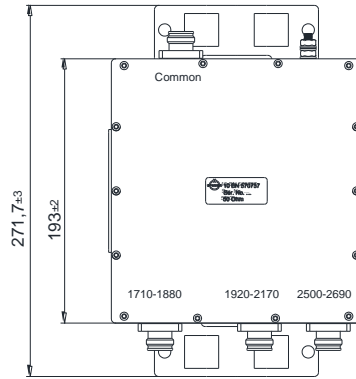
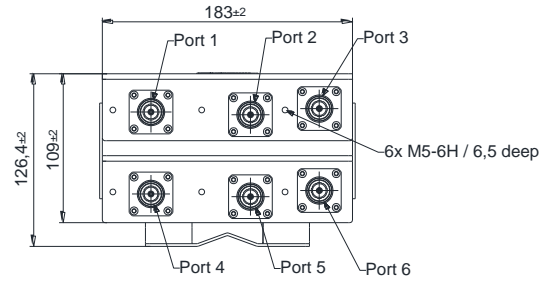
Relative humidity, max.	95% (non-condensing)
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**Outline** (all dimensions in millimeter)

570734 / 570735 / 570736  
Single unit



570737 / 570738 / 570739  
Double unit



**Standard:**  
4,3-10 female (50 ohms): IEC 61169-54

modifications reserved

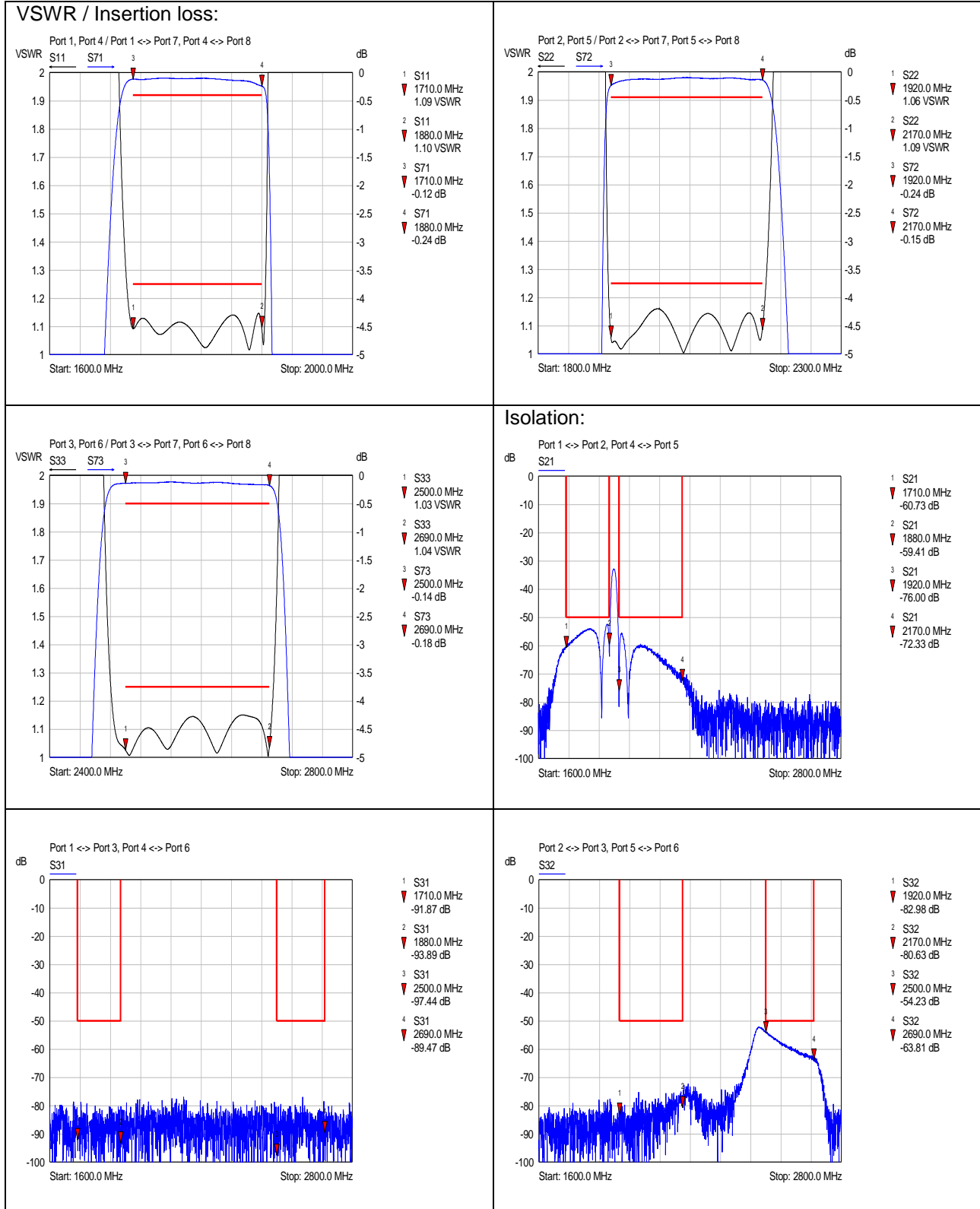
**Standard:**  
4,3-10 female (50 ohms): IEC 61169-54

modifications reserved

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Triplexer 1800 / 2100 / 2600

Measurements:



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