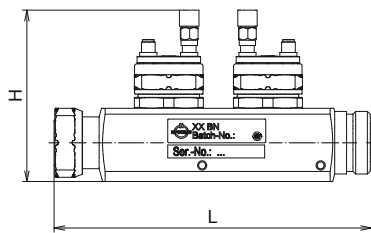
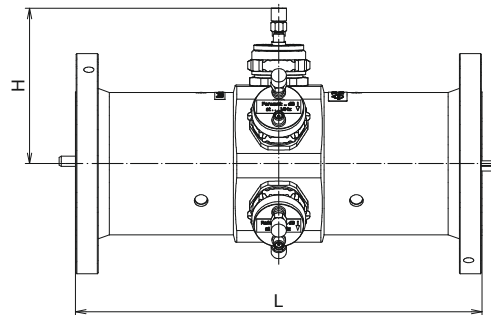


## Directional Couplers, "Flat Response" (1 ... 5 Probes)

- Constant coupling
- High directivity
- Suitable in a wide frequency range
- Low VSWR
- For indoor application
- Termination load is included



BN 800468C2002



BN 800265C2005

Part Number	1-way 2-way 3-way 4-way 5-way	— BN 800468C2002 — — —	BN 800865C2001 BN 800865C2002 BN 800865C2003 — —	— BN 800265C2002 BN 800265C2003 BN 800265C2004 BN 800265C2005	— BN 800365C2002 BN 800365C2003 BN 800365C2004 BN 800365C2005
Frequency range	470 - 860 MHz				
Proof voltage at sea level (NN)	≤ 3 kV	≤ 7 kV	≤ 14 kV	≤ 19 kV	
Average power (at +40 °C ambient temperature)	≤ 2 kW	≤ 7 kW	≤ 23 kW	≤ 38 kW	
Coupling range	41 - 68 dB	50 - 78 dB	54 - 80 dB	56 - 80 dB	
	Attention: Total power level at monitoring port must not be higher than 17 dBm (= 50mW)				
Tolerance of coupling	± 0.15 dB (at VSWR < 1.02 at the probe port)				
VSWR main line	≤ 1.04				
Directivity	34 - 40 dB				
Insertion loss	≤ 0.05 dB				
Connectors main line	7-16 male/female	1 5/8" EIA female/female	3 1/8" EIA female/female	4 1/2" EIA female/female (339 IEC 50-105)	
Connectors coupled line	SMA female				
Termination load 1 W included	Do not overload termination load. Please define an adequate coupling factor.				
Dimensions (L x H) mm	148 x 98.5	150 x 92	240 x 110.5	300 x 122.5	
Weight	≈ 0.6 kg	≈ 1.1 kg	≈ 3.5 kg	≈ 5.3 kg	
Environmental conditions	For limitations see "Environmental Conditions for Broadcast Products".				