

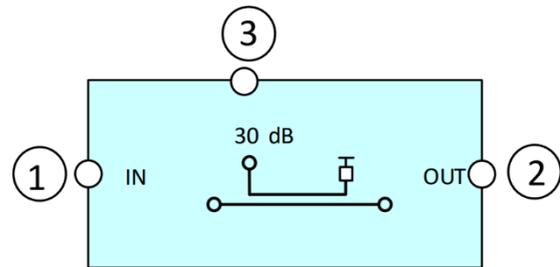
## DATASHEET

### 4G Directional Coupler

### 15dB N Socket

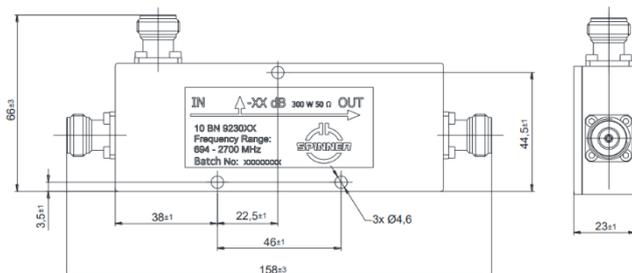


Block Diagram

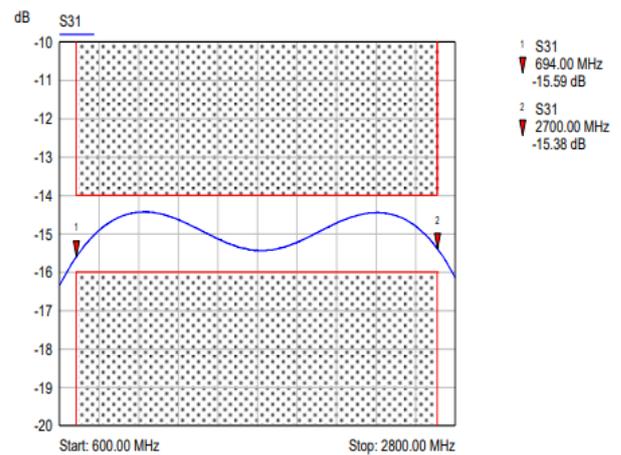


## SPECIFICATIONS

<b>Splitting Ratio</b>	1 : 0.3 : 0.97
<b>Frequency Range</b>	694 – 2700 MHz
<b>Insertion Loss</b>	0.7 dB
<b>Coupling</b>	15 dB ± 0.8 dB
<b>VSWR</b>	≤ 1.25
<b>Impedance</b>	50 Ω
<b>Directivity</b>	≥ 20 dB
<b>Power Rating</b>	300 W
<b>IM – Value 3<sup>rd</sup> Order @ 2 x 20 W</b>	≤ -155 dBc   typical ≤ -160 dBc
<b>DC-by-pass</b>	Port 1 to Port 2 (max. 1A per input max. 60 V DC (AISG Standard, 2.0 § 6.4))
<b>Degree of Protection</b>	IP 65 (Outdoor)
<b>Environmental Conditions</b>	ETSI EN 300019-1-1 Class 1.2 ETSI EN 300019-1-2 Class 2.3 ETSI EN 300019-1-4 Class 4.1E
<b>Weight</b>	0.35 kg
<b>Paint Colour</b>	Grey
<b>Wall/Mast Mounting</b>	To be ordered separately
<b>Temperature Range</b>	-40 °C to +80 °C
<b>Dimensions (WxHxD)</b>	23 mm x 66 mm x 158 mm



## COUPLING



## INSERTION LOSS

