

# MI-30606 Smart Bias Tee Extended bandwidth



#### MASS<sup>TM</sup> Microdata Advanced Site Solutions

With our expertise in site system design we are able to provide a solution for any site sharing or upgrade scenario.

Our focus area is RF-filter based solutions including combiners, multi band TMAs, di-, tri- and quadruplexers.

Our product portfolio supports all frequencies for mobile communication bands ranging from 450 MHz to 6 GHz.

Site and network sharing makes it cost efficient to reach sparsely populated areas where new subscribers can contribute to revenue.

### MASS™

Advantage

**Increases coverage** more traffic & higher ARPU

Increases capacity more traffic & higher ARPU

**Reduces the cost** of network expansion

Minimizes site acquisition issues

## **Specifications**

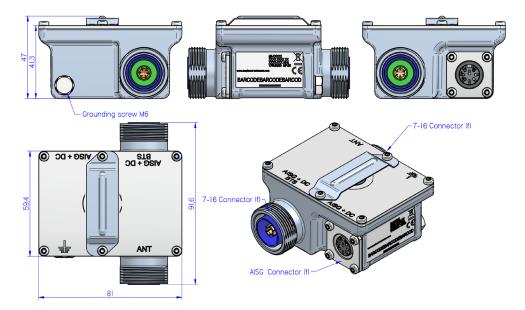
Frequency ⊨J 698 – 2690 MHz   IL 0.1 dB   RL 20 dB   Max RF Pow=r 750 W   DC current 2.7 A   Voltage droj 1 V   Intermodulation 1.17 dBm @2x43 dBm   Isolation RF - DC 65 dB   Modem frequercy 2.176 MHz   Temperature 640 °C to +65 °C   -40 °F to +149 °F   Ingress Protection 10 kA 8/20 µs   Ingress Protection 10 kA 8/20 µs   Ingress Protection 0.75 kg   1.65 lb   Size (WxHxD) 81x59x47 mm   3.19x2.32x1.85 in   Connector: 5   ANT-Side - 7/t Female (DC GND) 5   Size (WxHxD) Female (IEC 60130-9)   Pin Function   3 85485-B   5 R5485-A   6 9-30 VDC   7 DC return (ground)	Electrical		
RL20 dBMax RF Power750 WDC current2.7 AVoltage drop1 VIntermodulation-117 dBm @2x43 dBmIsolation RF - D65 dBModem frequery2.176 MHzEnvironmetryEnvironmetry-40 °C to +65 °C   -40 °F to +149°FIngress Protone-40 °C to +65 °C   -40 °F to +149°FIngress Protone1P 67Ingress Protone10 kA 8/20 µs 3 kA 10/350 µsMechanicz3 kA 8/20 µs 3 kA 10/350 µsMethanicz0.75 kg   1.65 lbSize (WxHxD0.75 kg   1.65 lbSize (WxHxD0.75 kg   1.65 lbSize (WxHxD0.75 kg   1.65 lbSize (WxHxD10 case signalling)BTS-Side - J = Female (DC GND)Sta 59x47 mm   3.19x2.32x1.85 inConnectorPinNFunction3RS485-B5RS485-A69-30 VDC	Frequency range		698 — 2690 MHz
Max RF Power750 WDC current2.7 AVoltage drop1 VIntermodulation RF- 117 dBm @2x43 dBmIsolation RF65 dBModem frequer65 dBModem frequer- 40 °C to +65 °C   -40 °F to +149 °FIngress ProterIP 67Ingress Proter10 kA 8/20 µsIngress Proter10 kA 8/20 µsIngress Proter0.75 kg   1.65 lbSize (WxHx)0.75 kg   1.65 lbSize (WxHx)0.75 kg   1.65 lbSize (WxHx)0.75 kg   1.65 lbSize (WxHx)10 kA 8/20 µsANT-Side - Female (DC GND)31x59x47 mm   3.19x2.32x1.85 inHSTS-Side - Female (DC GND+Female (DC GND+Female (DC GN3Ce)S A S485-BS A S485-B			



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#### **Mechanical Drawing**



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