

Smart Bias T (SBT) Series

MODEL NUMBER	SBT
SBT 200 - 053	Antenna
SBT 200 - 054	BTS

PRODUCT DESCRIPTION

The SBT's allow the RF feedback cable to be used to control the DT of the antenna instead of a separate control cable.

The SBT's provide a low insertion loss path between the base station and the antenna. The internal modems provides both DC and the remote control signals (in RS 485 format) in accordance with all AISG standards.



ELECTRICAL SPECIFICATIONS

Frequency	800 - 2170 MHz
Impedence	50 ohms
VSWR	< 1.1
Insertion loss	< 0.1dB
Isolation	> -70dB
Modem carrier freq.	2.176MHz (AISG standard)
Interface to BTS	RS 485
Connectors	Port 1 7/16 DIN Male
	Port 2 7/16 DIN Female
DC/MDU	DIN 45326
Lightning protection incorporated	

MECHANICAL SPECIFICATIONS

Dimensions H x W x D	85 x 65 x 40mm
Weight	400g
Operating temperature	Min -40°C Max +60 °C
IP rating	IP 66 (rubber sleeved)

FEATURES

- Materials: Outer casing corrosion resistant aluminium.
- Connections: Remote control electrical downtilt connections are in accordance with the AISG standards
- Finish: Grey powdercoat

