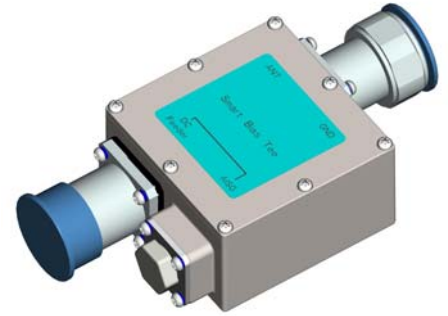


TY-ANTSBT-MFF (F1V2)

Smart Bias Tee



Electrical

Frequency Band, MHz.....	690~2700
VSWR@BTS port & ANT port.....	≤1.2
Insertion loss(BTS → ANT), dB.....	≤0.15
PIM(dBc) (3 rd order 2X20W).....	≤-160
(Normal test GSM900 and GSM1800 IMD)	
Peak Power.....	1600W Peak
Modem carrier freq.....	2.176MHz
Power consumption.....	0.6W(typ)
Lightning protection:	
Feeder port ANT port (8/20uS pulse).....	8KA
DC/RCU port (8/20uS pulse).....	3KA
DC Pass Current.....	2.5A (MAX)
AISG pass.....	Yes
MTBF (H).....	>500,000
Voltage range.....	10~30V

Mechanical

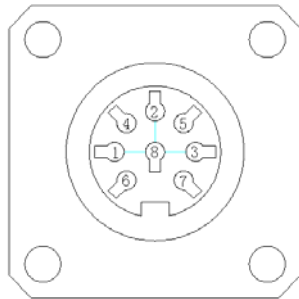
Height, depth, width, mm.....	160X75X43
Weight kg.....	≤0.75
Enclosure Color.....	Light Grey
Connectors.....	DIN 7-16 & AISG

Environmental

Operating temperature range, °C.....	-40 to +65
Operational.....	ETS 300 019-1-4
Transportation.....	ETS 300 019-1-2
Ingress protection.....	IP66 Ventilated
Storage.....	ETS 300 019-1-1
Housing.....	Aluminum

Part No.

AISG	ITEM 1
10-30 V	1
NC	2
RS485B	3
NC	4
RS485A	5
10-30 V	6
DC RTN	7
NC	8



Part number	Connector/DC configuration		
	ANT	Feeder DC	AISG connector
TY-ANTSBT-MFF (F1V2)	Male	Female	Female

Dimension

