	1	2	3		4		5			6	
	Document No.	QR4-700-T-003		<u> </u>		REV.	DESCRIPTION	ON REVISOR	DATE	APPRO	VE
	REV.	A/0				0		Lj.Zhang			
	REV.	A/0				0		LJ.ZHang	12.24.2014	David	<u>-</u>
A	modem (AISG 2.0standard) in order to provide either DC voltage as well as remote control sign feeder cable to a TMA or RCU. The Smart Bias Tee provides low RF signal insertion loss from and vice versa. The measures taken to protect against static discharge and lightning ensure a reliability and operational safety. The unit features advanced lightning protection circuits acting protection for the BTS. This eliminates the need for traditional lightning arresters in the BTS. DC				als via an RF ort 1 to port 2 igh level of is surge	Pa	echanical Weight cking weight Connectors	0.75 kg 0.9Kg SEE SHEET2			A
	are available in standard lengths with various connectors according to requirements.										
В	SBT at the top of the compliant TMA at the	configurations for SBTs: (1) one is feeder; (2) the other configuration top. CHARACTERISTICS	s using a SBT at the bottom is using a SBT at the bottom 3. Environmenta Operating Temperature Range	m of the feede	er and an AISG						В
	Frequency Band	698~2690MHz	Environmental Sealing -	IP 67							
	Return loss@all port(dB)	>20 dB	Housing 11 07 ≥20 dB Altitude 2,600 m max		nax		ப	•	തം		
	, , ,		Enclosure Color	Light Gre							
С	Insertion loss(dB) @any passband	≤0.15 dB(690-2500MHz) ≤0.15 dB(2500 2700MHz)		Aluminu			R		μD		
	warry passbarra		Lightning Protection	IEC61000-	4-5		ᆌ걸				
	PIM(dBc)	160 Typic 155 Min	DC Pass Current	2.5A continuous max			Uμω				
	Input Power BTS port ANT port DC/RCU port	≥100W <2.5A/+30VDC	AISG pass MTBF	Yes >500,000 h	Yes >500,000 hours		Ħ "	, FI			
	Power consumption	0.6W(typ)					X		유니		С
	DC/RCU port DC/RCU port DC/RCU port DC/RCU Port define DC/RCU Po										
D	Lightning protection BTS port ANT port DC/RCU port	10KA 8/20Us pulse 3KA 8/20uS pulse		MATERIAL:	ic inc	DWG NO.					
	PIM TESTING	FOR 800MHz:F1=869MHz F2=894MH. PIM=844MHz FOR 1900MHz:F1=1930MHz F2=1990M PIM=1870MHz	Hz	AI SURFACE TREATMENT:		JSBT0698T2690-XXX					
		FOR 2600MHz:F1=2620MHz F2=2695MHz PIM=2545MHz	Hz		Powder Spra	V	DWG BY:	NAME Lj.Zhang	12.24	ATE 2014	SCALE:
				ROHS COMPLIANCE DESCRIPTION: Smart Bias Te		,	CHK'D BY:	сј.∠папу	12.24	201 4	1
			KOH				APPV'D BY:				1
			COMPLIA			ee	Unit: mm[inch]	OLERANCE: Liner: ±0.25mm Angular: ±0.5°	Type Of Proje	ection	
	1	2		WEIGHT:			SHEET 1 OF 2				

