✦tsat

TSAT 4000 Remote - ODU Version

Network configuration

Network Topology:	Star (DVB-S2 forward link and RCS2 return links)	
Modulation Forward link:	QPSK, 8PSK, 16APSK, 32APSK	
Modulation Return link:	BPSK, QPSK, 8PSK, 16QAM	
Supported	Forward link (OB)	Return link (IB)
symbol rates:	Max – 45msps	64ksps – *
FEC:	1/4 - 9/10	1/3 - 6/7

*Link budget dependent

Interface

Data:	F type for IP/ETH over coax + power via external media converter containing LAN connection (RJ45)
Protocols support:	IPv4 and IPv6 – TCP and UDP based protocols
Security:	AES-256 link encryption (optional)
Link access schemes:	Static, Dynamic (Random and Demand based)

Environmental

Mechanical:	Integrated modem+0.5W BUC+LNB
Antenna	F/D=0.6
Operating temperture:	-40° to 60° C
Protection:	IP 65
Input voltage:	24/48VDC to media converter
Current consumption:	15W under operation – 3W in power save mode
Design standard:	EN-301- 428v1.3.1 Ku-Band System Level Specifications