

# FibreIRS 2SATGTU

Fibre Integrated Reception System

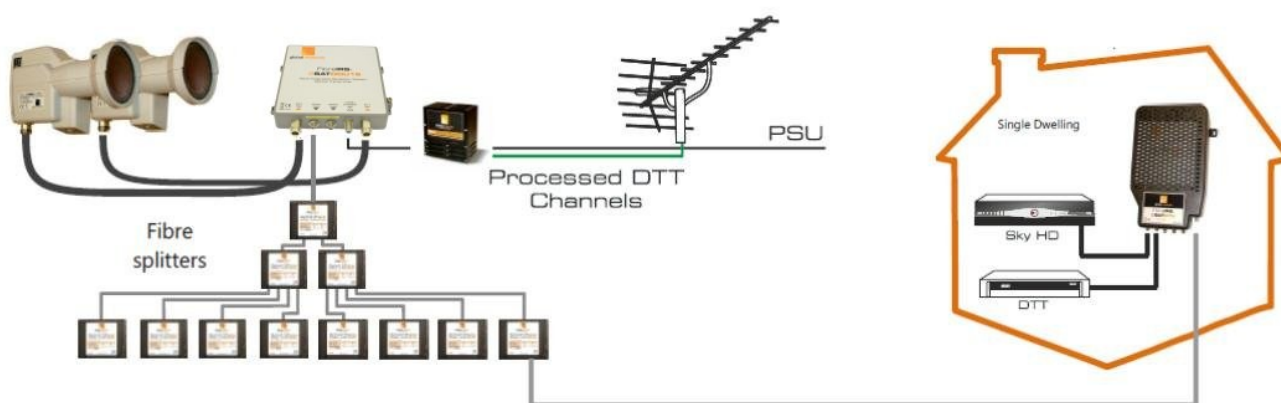


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- Single FC/PC optical input
- Quad and Quatro versions available
- Powered by separate mains PSU (included)
- DiSEqC 1.0 (Quad Version)



The two FibreIRS 2SATGTU's have been designed to output 8 satellite polarities, DTT, FM and DAB from a single optical input. Two versions available, Quad with 4 universal IF outputs with terrestrial available on each with DiSEqC commands used to switch between the two satellites. Quatro version has 8 fixed polarity IF outputs and a separate terrestrial connector



Product Part No.	
FibreIRS 2SAT Quad GTU	F101901
FibreIRS 2SAT Quatro GTU	F101978

Optical specification					
Parameter	Min	Typ	Max	Units	Notes
Optical wavelength	1280	1310/1550	1610	nm	
Input optical power	-9		-3	dBm	Subject to optical budget limitation of system deployed
Optical return loss	20			dB	

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Satellite RF specifications					
Output frequency range	950		2150	MHz	
Nominal impedance	75Ω				
Return loss	10dB				
Total output power		83		dBμV	
Nominal output power per transponder		68		dBμV	For 30 Transponders
213-854MHz rejection	30dB				
Noise figure @ max gain			7dB		
Isolation	24dB				

Terrestrial RF specifications					
RF frequency band	88		862	MHz	
Nominal impedance		75		Ohm	
Input return loss		10		dB	
Total output power		68		dBμV	
Noise Figure @ Max Gain			7		

DC specifications		
Power supply voltage	20V	F connector
Current consumption	<650mA	@20v
Power on		Green LED indicator is lit

Connectors	
Input	Fibre optic FC/PC
Outputs	F
DC connector	F

Environmental specification	
Operating temperature	0 to +50°C
Storage temperature	-10 to +50°C

Dimensions	
Size	301 x 200 x 82 mm
Weight	2.1kg

Optical cabling	
Fibre type	Single mode
Standard	GI - approved G657a

Note: Specifications subject to change without notice

Global Invacom will only support systems that are installed using GI approved fibre cabling, splitters and accessories.

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