

FibreIRS™ GTU Multiswitch



Fibre Integrated Reception System

- Expands MK3 Quatro GTU output from 8 to 48 points
- Unique design for direct attachment to MK3 Quatro GTU
- Cascade up to 3 multiswitches
- Multiswitch and GTU Powered by single 20V PSU



The GTU Multiswitch can increase the output from a Quatro GTU from 8 to 48 outputs (when using 3 x 16 way expanders in cascade). Its unique design allows it to be connected directly to the Quatro GTU without using additional cables.

Two versions available — 8 output and 16 output with the capability of cascading three units and achieve a 50m drop.



Product Part No.	
GTU Multiswitch 8 way	D000016
GTU Multiswitch 16 way	D000018

Technical Specifications

Satellite (Electrical)

Parameter	Min	Max	Notes
RF frequency range (MHz)	950	2150	
Output impedance	75Ω		
Return loss	10dB		
Slope		3dB	
Tap loss 8 and 16 way (2150MHz)	0dB		±2dB
Through loss 8 way	1.5dB		±1dB
Through loss 16 way	2.5dB		±1dB
Terrestrial rejection (typ)	30dB		
Max output (dBμV)		88	For 30 transponders

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FibreIRS™ GTU Expander



global invacom
completing the picture

Fibre Integrated Reception System

DTT, DAB and FM (Electrical)			
RF frequency range			
DTT	470-790MHz		
DAB	174-240MHz		
FM	88-108MHz		
Nominal impedance	75Ω		
Return loss	10dB		
Tap loss	-2dB	±2dB	
Through loss	-2.5dB	±1dB	
Max output (dBμV)		88	For 6 transponders
950-2150MHz rejection (typ)	30dB		

DC specification		
Input voltage range	13V to 20V	
Current consumption 8 way	<50mA	Expander only
Current consumption 16 way	<50mA	Expander only
Current from receiver	<40mA	

Connectors	
Input	F type (male)
Output	F type (female)
Power supply	2.1mm Jack

Environmental Specification	
Operating temperature	-20°C to +60°C
Storage temperature	-20°C to +60°C

Dimensions	
Size 8 way	110mm x 82mm x 35mm
Size 16 way	110mm x 140mm x 35mm
Weight 8 way	250g
Weight 16 way	400g

**Global Invacom will only support systems that are installed using
GI - approved fibre cabling & system components**

Note: Specifications subject to change without notice

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