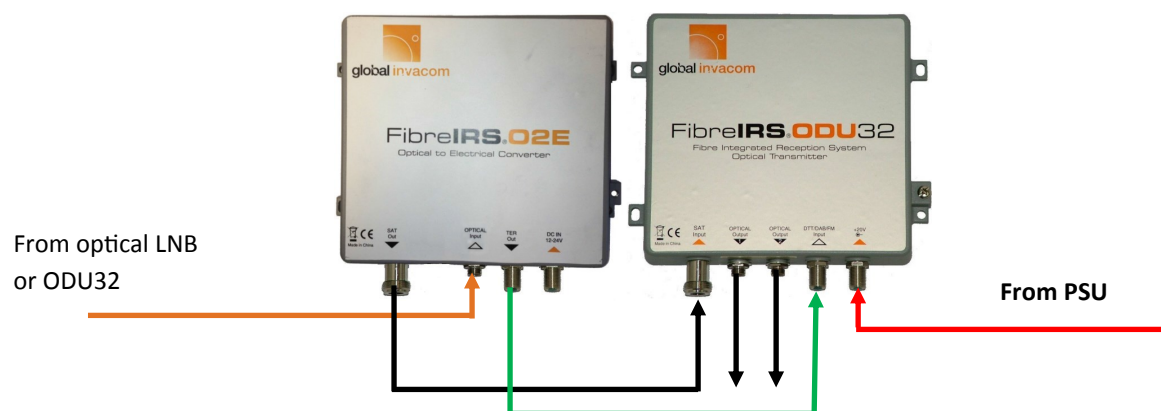


- Expands fibre systems to over 2000 GTU's
- For use with GI optical LNB or ODU32
- Fully weatherproof (IP65)
- Wholeband cable supplied with unit
- Powered externally or by connected ODU32



The O2E has been designed to be used in conjunction with either the ODU32 or the fibre optic LNB to increase the number of subscribers that can be connected to a single dish. If used in conjunction with the fibre optic LNB it can increase the distance from the dish to a large FIRS system. Maximum splits from each output (Optical LNB or ODU32) before the O2E is 16, for units connected after the O2E it



### Technical Specifications

#### Product Part No.

O2E	F813006
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Optical			
Parameter	Min	Max	Notes
Optical Wavelength (nm)	1100	1650	
Return loss (dB)	20		
Input optical power (dBm)	-15	-3	Subject to system performance specifications

### Satellite (Electrical)

Frequency	950MHz	5.45GHz	
Nominal impedance	50Ω		
Return loss	9dB		
Output power (dBμV)	80		
Gain variation across band		4dB	

### DTT,DAB and FM (Electrical)

RF frequency range		
DTT	470-862MHz	
DAB	174-240MHz	
FM	88- 108MHz	
Nominal impedance	75Ω	
Return loss	9dB	
DTT output power (dBμV)	87	DAB power levels-14dB with respect to DTT
Gain variation across band	4dB	
950-2150MHz rejection	20dB	

### DC specification

Input voltage range (external)	10V to 24V	
Current consumption	65mA	@20V

### Connectors

Input	Fibre Optic FC/PC	
Satellite output	N	
DTT/DAB/FM output	F	
Power supply	F	

### Dimensions

Size	160x167x30 mm inc connectors	
Weight	450g	

### Environmental Specification

Operating temperature	- 30 to 60°C	
Storage temperature	-30 to 60°C	

### Optical cabling

Fibre type	Single mode	
Standard	GI-approved G657a	