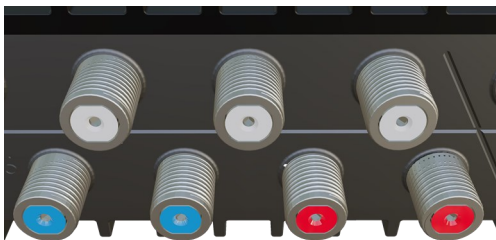


- FibreIRS FC/PC optical input
- Fully compatible with GI optical LNB, ODU32 & ODU32 (1550)
- 4 dCSS and 8 legacy outputs
- Compatible with SKY Q
- Space saving design - all connections on one side
- All units powered by a single PSU (included)



Introducing the new dCSS SwitchBlade from Global Invacom. Featuring 4 x dCSS outputs that support SKY Q and legacy SKY Set top Boxes, 8 x Legacy outputs that support multisatellite up to 4 satellites. SwitchBlade can be used in conjunction with both the ODU32 or Optical LNB. Compatible with existing 8 way SatPlus units. Connector inserts colour coded to aid identification of ports.



Blue = dCSS Port

Red = Programming ports (Factory use only)

White = Legacy/Multisat ports

**Product Part No.**

dCSS SwitchBlade Base Unit

D000406

## Technical Specifications

Satellite (Electrical)			
Parameter	Min	Max	Notes
Output RF frequency range (MHz)	950	2150	
Output impedance	75Ω		
Return loss	10dB		
Gain variation across band		6dB *	
Nominal output level legacy	78dBμV		For 30 transponders
Terrestrial rejection	30dB		
Control			Legacy, SKY Q, EN50494, EN50607
* additional variation can occur due to satellite transmitted signal levels.			

DTT, DAB & FM (Electrical)			
Parameter	Min	Max	Notes
RF frequency range			
DTT	470-790MHz		
DAB	174-240MHz		
FM	88-108MHz		
Nominal impedance	75Ω		
Return loss	10dB		
Nominal DTT output	70dBμV		For 8 multiplexes
Gain variation across band		3dB	
950-2150MHz rejection	35dB		

FM.DAB,DTT & Satellite (Optical)			
Optical wavelength	1100nm to 1650nm		
Optical input power	-14dBm	-3dBm	Subject to optical budget limitation of system deployed

DC specification			
Input voltage	12V		
Current consumption dCSS Base	1.9A Max		
Current from receiver	<25mA		Per port
DiSEqC	1.0		

Dimensions (W x H x D)	
1 satellite (Base only)	227mm x 138mm x 67.5mm
2 satellite (Base + SatPlus)	227mm x 220mm x 67.5mm
3 satellite (Base + 2 x SatPlus)	227mm x 303mm x 67.5mm
4 satellite (Base + 3 x SatPlus)	227mm x 385mm x 67.5mm
Weight - dCSS base unit	1.212Kg

Connectors	
Input	FC/PC
Output	F type (female)
Power supply	2.1mm Jack

Environmental Specification	
Operating temperature	-20°C to +40°C
Storage temperature	-40°C to +70°C

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

Note: Specifications subject to change without notice