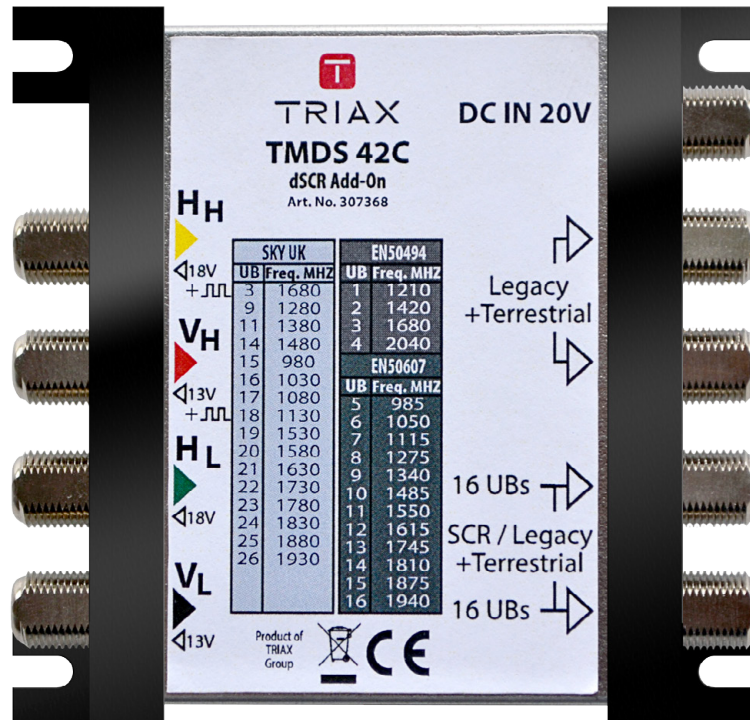




TRIAx

connecting the future



Sky Compatible dSCR Multiswitch

TMDS 42C - 'Add On' switch For Sky Q in MDU's

Retro fit dSCR 'add on' Multiswitch fits on to existing Multiswitches or Optical Converters. Enables individual apartments within MDU's enjoy the full Sky Q experience.

- Expands existing systems without complex re-balancing
- Provides 2 x Fixed Legacy outputs
- Provides 2 x dSCR or Legacy outputs
- Auto-detection Legacy / dSCR
- Terrestrial, FM, DAB signal path
- AGC
- Product Code 307368



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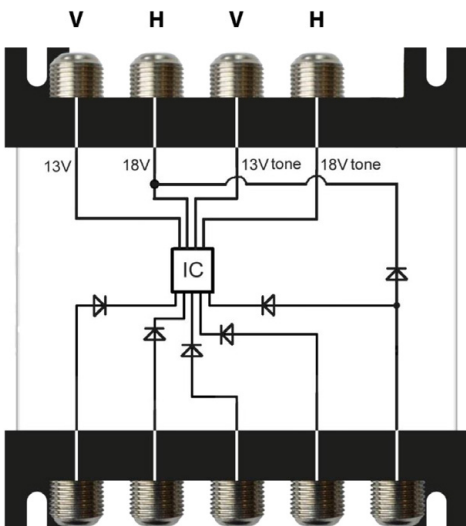


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TMDS 42C Technical Specification

Inputs	4 1	VL/HL/VH/HH Sat/Terr ports DC port
Outputs	2 2	Legacy only SCR / legacy (auto detection)
Input frequency	Satellite Terrestrial/Cable	950-2150 MHz 5-862 MHz
Output frequency	Satellite Legacy SCR User bands Terrestrial/Cable	950-2150 MHz 950-2150 MHz 5-862 MHz
Number of UserBands	#	16 per SCR output
Channel plan of User Bands	Sky UK, Sky Italia & Sky Germany	
Satellite input power level	dBμV	65 to 95
SCR output level	dBμV	88
Legacy output level		
Legacy only ports		equal to satellite input level
Legacy/SCR ports	dBμV	87.75
Insertion loss		
Input to Legacy only ports	dB	0 Typical
Satellite input to SCR / Leg	dB	-10 to + 20 (AGC)
Terrestrial in to out	dB	-4 Typ
DC power consumption		
Legacy only ports	W	<2
SCR/Leg ports	W	<4.2
DC power pass		
From STB to input ports	V	13/18/22kHz, 500 mA max
From DC power port to input ports	V	13/18/22kHz, 500 mA max
Optional power adapter		20V / 20W min.
Dimensions	mm	92x92x40

DC paths inside the TMDS 42C



Product Code 307368

SCR DiSEqC User Band versus Frequency Allocations

SKY UK		SKY UK		EN50494	
UB	Freq	UB	Freq	UB	Freq
3	1680	19	1530	1	1210
9	1280	20	1580	2	1420
11	1380	21	1630	3	1680
14	1480	22	1730	4	2040
15	980	23	1780		
16	1030	24	1830		
17	1080	25	1880		
18	1130	26	1930		

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