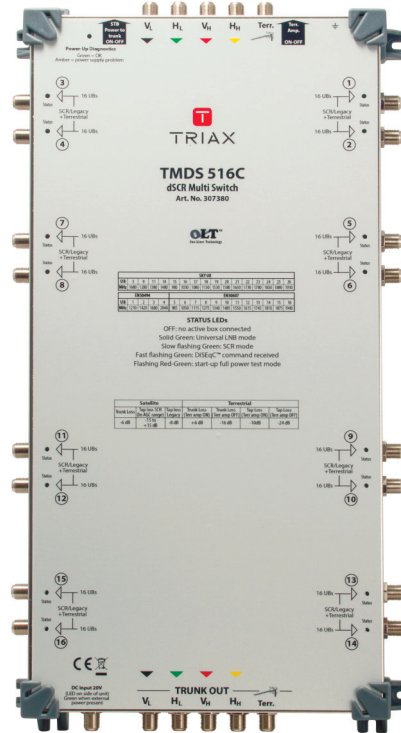




TRIAx

connecting the future



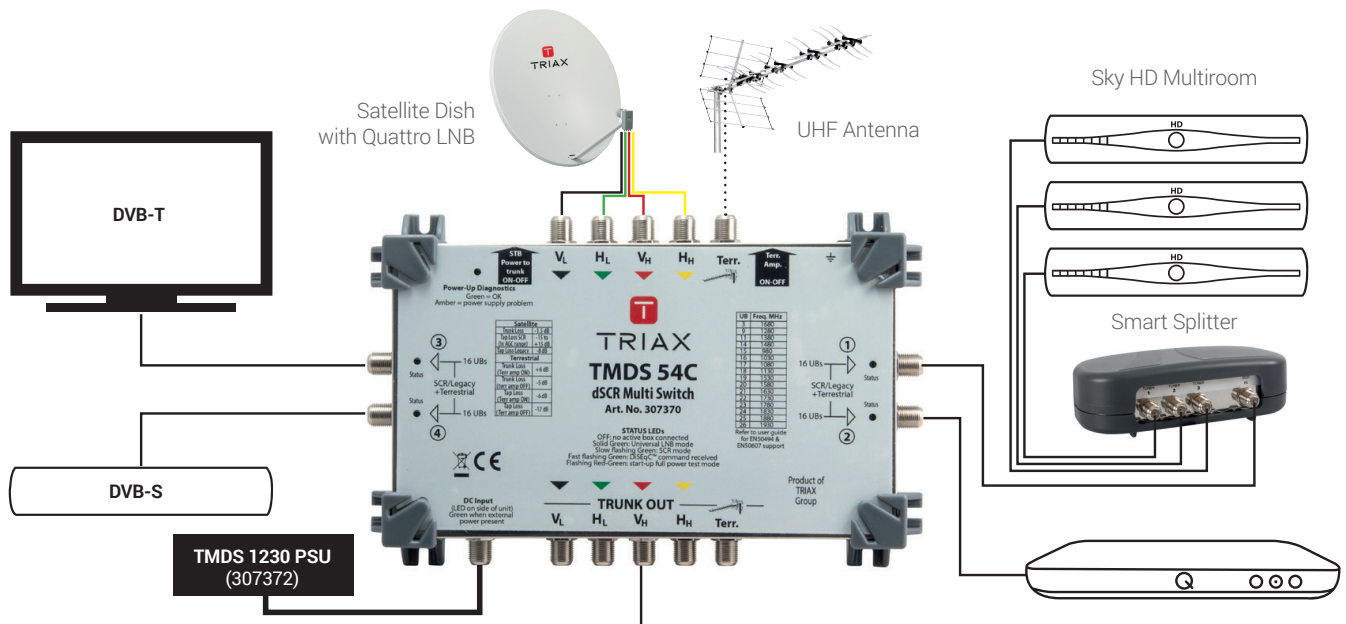
dSCR Multiswitches For Sky Q

4, 8 + 16 way Sky compatible Multiswitches enabling individual apartments within MDU's to enjoy the full Sky Q experience.

- 4 x cascadeable LNB inputs from a universal Quattro LNB: VL HL VH HH
- 1 x terrestrial trunk SCR/Legacy subscriber outputs for Sky Q boxes (each providing access to 16 x SCR User Bands or a single Legacy)
- 1 x DC input
- 2 x Switches for DC sourcing and TER AMP (active/passive)
- Diagnostic LED's



triax.uk/multiswitches



All 4 LNB trunks are DC isolated from each other, so 13 and 18VDC can be supplied separately from trunk-out to trunk-in. The 4 LNB trunks on the last unit should be terminated with DC-blocked 75 Ohm. All unused SCR/Legacy outputs should be terminated with 75 ohm terminators.

dSCR Multiswitches Technical Specification

Triax Part	307370	307378	307380
Part Type	TMDS 54C	TMDS 58C	TMDS 516C
SAT			
Frequency Range		950-2150MHz	
Max and Min Input Txp Power Level		73 to 103 dBµV	
Trunk Loss (typ)	-1.5dB	-2.5dB	-6dB
Tap-Out Loss, SCR Mode (typ.)		-15 to +15dB	
Tap-Out Loss Legacy mode		-5dB max, 0dB typ	-13dB max, 8dB typ
Isolation, Channel to Channel SCR mode		>35dB	
Return Loss, Trunk		>10dB	
Return Loss, Outputs (SCR+TER)		>7dB	
SCR Output Power per Txp (AGC)		85 (min.), 87 (typ.) dBµV	
Legacy Output Power per Txp (no AGC)		93 (min.) dBµV	
TER			
Frequency Range		40 to 790MHz	
Max. Input Mux Power level (active mode)		96dBµV	88dBµV
Trunk Loss (passive mode)	-5dB	-8dB	-16dB
Trunk Loss (active mode)	+6dB	+3dB	+6dB
Tap-Out Loss (passive mode)	-17dB	-21dB	-24dB
Tap-Out Loss (active mode)	-6dB		-10dB
Max. Output Mux Power level (active mode)	103dBµV	99dBµV	96dBµV
Max. Output Mux Power level SCR (active mode)	90dBµV		86dBµV
Return loss trunk		>8	
General Data			
Controls	BSkyB SCR, CENELEC EN 50494, CENELEC EN 50607, Universal LNB tone & volts		
Connectors	F-female		
Current Consumption, max.	600mA @ 20VDC		
Supply current for LNB, max.	500mA @ 20VDC		
Input voltage	10 to 20VDC		
Operating temperature, indoor	-20 to +50°C		
Accessories			
Power inserter TMDS 1230 PSU BS (optional)	(100 to 240VAC +20VDC/3.0A) Article No. 307372		