

SPU 916-09S Multiswitch stand-alone/cascade unit | 9 in 16 | premium-line



- ✓ For up to 16 subscribers
- ✓ SAT active, CATV path active switchable and adjustable
- ✓ Suitable for broadband return channel with passive CATV path (suitable for EoC up to 204 MHz)
- ✓ With passive CATV path and Quattro LNB receiver-powered - no power supply unit required
- ✓ With active CATV path or Quad LNB, power supply via external power supply unit SZU 99-09S (not included) or via the SAT IF trunk lines
- ✓ Advanced standby and energy saving functionalities (e.g. only the required LNB is powered)
- ✓ USB-C port for external power supply unit
- ✓ Cascadable (unused cascade outputs must be terminated with DC-decoupled 75 Ohm terminating resistors (e.g. CFA 11-00, not included in the scope of delivery))

Order information

Type	SPU 916-09S
Order no.	SPU91609S
GTIN	7611682400724
PE	1
VE	1
EU customs tariff number	85291095



Technical data

Inputs	
Number	9
Frequency range	5 ... 862 MHz 950 ... 2200 MHz
Max. LNB current	2000 mA
Attenuator CATV adjustment range, switchable to passive	0 ... 20 dB
Isolation V H	30 dB
Isolation CATV SAT	30 dB
Subscriber ports	
Number	16
Switch commands	13V, 18V, 13V/22kHz, 18V/22kHz, DiSEqC 2.0
Tap loss CATV active	0 dB
Tap loss CATV passive	28 dB
Tap loss SAT	3 ... -2 dB ±2 dB
Max. output level SAT (3rd order SAT EN 500833 35dB KMA, 2 sender test method)	100 dBμV
Max. output level CATV (3rd order, EN 500833 3, 60 dB KMA)	90 dBuV
Current consumption per port (without LNB supply)	50 mA
Trunk outputs	
Number	9
Max. output level CATV (3rd order EN 500833 3, 60 dB KMA)	103 dBuV
Through loss CATV active	-23 dB
Through loss CATV passive	7 dB
Through loss SAT	3 dB
Connectors	
Connector type	F-female
General	
Operating temperature range (acc. to EN 60065)	-20 ... +55° C
Operating voltage	15 ... 20 VDC*
Equipotential bonding connection	4 mm²
Dimensions (W x H x D) appr.	230 x 178 x 65 mm
Weight	0.780 kg
IP code	IP20
Comments	*USB-C power supply units must fulfil the Power Delivery (PD) standard and have an output voltage of 20 VDC

Suitable products

QEW 9-10S Erdungswinkel | Überspannungsschutz | 9-fach

QEW 9-09S Earthing angle | 9-way

CFA 11-00 Terminating resistor | 75 Ohm | DC isolated

CFA 4-01N Adapter F | F | Quickfix | 36 mm

SZU 99-09S Switching mode power supply 18 V=12 A