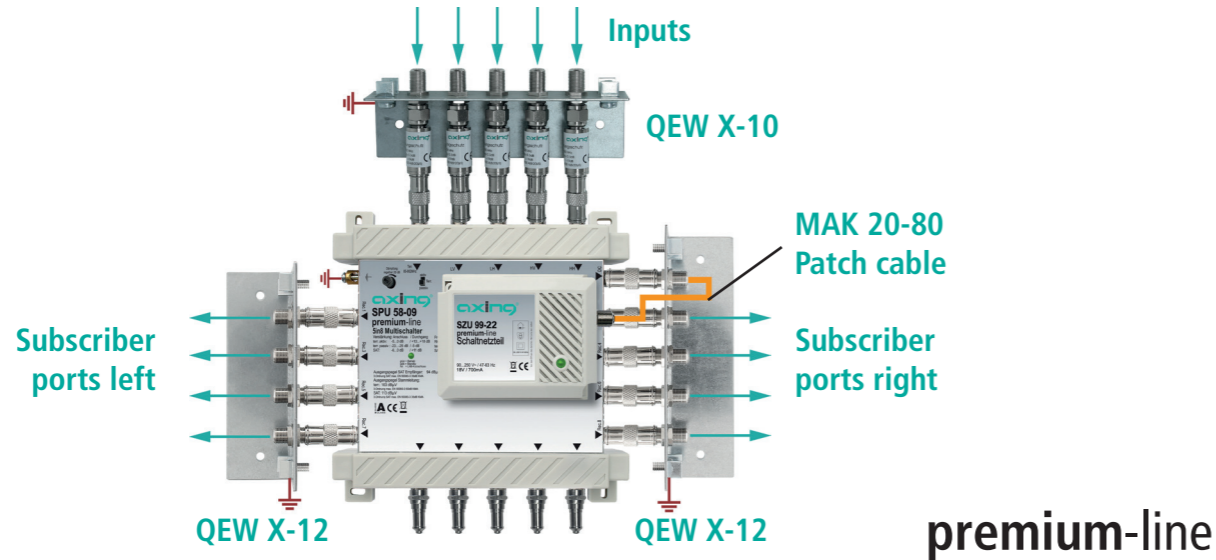
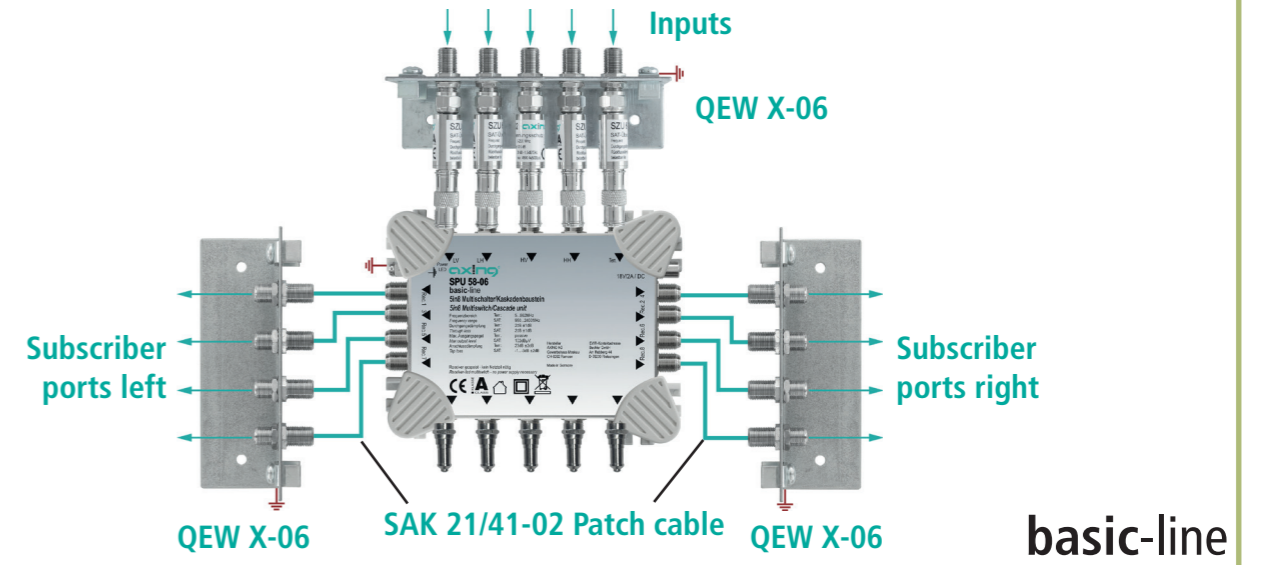


Matrix of earthing angles and multiswitches



premium-line

Type	Inputs	Needed patch cable for power supply	Subscriber ports left	Subscriber ports right
SPU 54-09	1 × QEW 5-10	1 × MAK 20-80	1 × QEW 3-12	1 × QEW 3-12
SPU 56-09	1 × QEW 5-10	1 × MAK 20-80	1 × QEW 3-12	1 × QEW 4-12
SPU 58-09	1 × QEW 5-10	1 × MAK 20-80	1 × QEW 4-12	1 × QEW 5-12
SPU 510-09	1 × QEW 5-10	1 × MAK 20-80	1 × QEW 5-12	1 × QEW 6-12
SPU 516-09	1 × QEW 5-10	1 × MAK 20-80	1 × QEW 9-12	1 × QEW 9-12
SPU 556-09	-	-	1 × QEW 3-12	1 × QEW 3-12
SPU 558-09	-	-	1 × QEW 4-12	1 × QEW 4-12
SPU 5512-09	-	-	1 × QEW 6-12	1 × QEW 6-12
SPU 5518-09	-	-	1 × QEW 9-12	1 × QEW 9-12
SPU 5518-19	-	-	1 × QEW 9-12	1 × QEW 9-12
SPU 94-09	1 × QEW 9-10	1 × MAK 20-80	1 × QEW 3-12	1 × QEW 3-12
SPU 96-09	1 × QEW 9-10	1 × MAK 20-80	1 × QEW 3-12	1 × QEW 4-12
SPU 910-09	1 × QEW 9-10	1 × MAK 20-80	1 × QEW 5-12	1 × QEW 6-12
SPU 916-09	1 × QEW 9-10	1 × MAK 20-80	1 × QEW 9-12	1 × QEW 9-12
SPU 996-09	-	-	1 × QEW 3-12	1 × QEW 3-12
SPU 998-09	-	-	1 × QEW 4-12	1 × QEW 4-12
SPU 9912-09	-	-	1 × QEW 6-12	1 × QEW 6-12
SPU 9918-09	-	-	1 × QEW 9-12	1 × QEW 9-12
SPU 9918-19	-	-	1 × QEW 9-12	1 × QEW 9-12
SPU 1708-09	1 × QEW 17-10	1 × MAK 20-80	1 × QEW 4-12	1 × QEW 5-12
SPU 1716-09	1 × QEW 17-10	1 × MAK 20-80	1 × QEW 9-12	1 × QEW 9-12
SPU 1710-09	-	-	1 × QEW 5-12	1 × QEW 5-12
SPU 1718-19	-	-	1 × QEW 9-12	1 × QEW 9-12



basic-line

Type	Inputs	Subscriber ports	Needed patch cable for subscriber ports
SPU 58-06	1 × QEW 5-06	2 × QEW 4-06	8 × SAK 21-02/SAK 41-02
SPU 512-06	1 × QEW 5-06	2 × QEW 6-06	12 × SAK 21-02/SAK 41-02
SPU 516-06	1 × QEW 5-06	2 × QEW 8-06	16 × SAK 21-02/SAK 41-02
SPU 524-06	1 × QEW 5-06	2 × QEW 12-06	24 × SAK 21-02/SAK 41-02
SPU 532-06	1 × QEW 5-06	2 × QEW 16-06	32 × SAK 21-02/SAK 41-02
SPU 98-06	1 × QEW 9-06	2 × QEW 4-06	8 × SAK 21-02/SAK 41-02
SPU 912-06	1 × QEW 9-06	2 × QEW 6-06	12 × SAK 21-02/SAK 41-02
SPU 916-06	1 × QEW 9-06	2 × QEW 8-06	16 × SAK 21-02/SAK 41-02
SPU 924-06	1 × QEW 9-06	2 × QEW 12-06	24 × SAK 21-02/SAK 41-02
SPU 932-06	1 × QEW 9-06	2 × QEW 16-06	32 × SAK 21-02/SAK 41-02
SPU 1308-06	1 × QEW 13-06	2 × QEW 4-06	8 × SAK 21-02/SAK 41-02
SPU 1312-06	1 × QEW 13-06	2 × QEW 6-06	12 × SAK 21-02/SAK 41-02
SPU 1316-06	1 × QEW 13-06	2 × QEW 8-06	16 × SAK 21-02/SAK 41-02
SPU 1324-06	1 × QEW 13-06	2 × QEW 12-06	24 × SAK 21-02/SAK 41-02
SPU 1332-06	1 × QEW 13-06	2 × QEW 16-06	32 × SAK 21-02/SAK 41-02
SPU 1708-06	1 × QEW 17-06	2 × QEW 4-06	8 × SAK 21-02/SAK 41-02
SPU 1712-06	1 × QEW 17-06	2 × QEW 6-06	12 × SAK 21-02/SAK 41-02
SPU 1716-06	1 × QEW 17-06	2 × QEW 8-06	16 × SAK 21-02/SAK 41-02
SPU 1724-06	1 × QEW 17-06	2 × QEW 12-06	24 × SAK 21-02/SAK 41-02
SPU 1732-06	1 × QEW 17-06	2 × QEW 16-06	32 × SAK 21-02/SAK 41-02



Matrix of earthing angles and multiswitches

Type	Inputs	Subscriber ports	Needed patch cables for subscriber ports
Multiswitches basic-line			
SPU 54-05	1 × QEW 4-20	1 × QEW 5-50	5* × SAK 21-02/SAK 41-02
SPU 56-05	1 × QEW 4-20	1 × QEW 7-50	7* × SAK 21-02/SAK 41-02
SPU 58-05	1 × QEW 4-20	1 × QEW 9-50	9* × SAK 21-02/SAK 41-02
SPU 512-05	1 × QEW 4-20	1 × QEW 13-50	13* × SAK 21-02/SAK 41-02
SPU 516-05	1 × QEW 4-20	1 × QEW 17-50	17* × SAK 21-02/SAK 41-02
Single cable multiswitches premium-line			
SES 522-06	1 × QEW 5-06	1 × CFA 7-01/CFA 9-01**	1 or 2 × SAK 21-02/SAK 41-02**
SES 5216-06	1 × QEW 5-06	1 × CFA 9-01	7 × SAK 21-02/SAK 41-02
SES 5416-06	1 × QEW 5-06	1 × QEW 4-06	9 × SAK 21-02/SAK 41-02
SES 5816-06	1 × QEW 5-06	2 × QEW 4-06	13 × SAK 21-02/SAK 41-02
SES 988-06	1 × QEW 9-06	2 × QEW 4-06	8 × SAK 21-02/SAK 41-02

* 1 patch cable additionally for terrestrial input | ** depending on the used outputs of the SES 522-06

Type	Inputs	Needed patch cables for trunk lines
Headamplifiers premium-line		
SVS 550-09	1 × QEW 5-10	—
SVS 990-09	1 × QEW 9-10	—
SVS 1717-09	1 × QEW 17-10	—
Headamplifiers basic-line		
SVS 550-06	1 × QEW 513-06	5 × SAK 21-02/SAK 41-02
SVS 990-06	1 × QEW 917-06	9 × SAK 21-02/SAK 41-02
SVS 1306-06	1 × QEW 513-06 1 × QEW 917-06	13 × SAK 21-02/SAK 41-02
SVS 1706-06	2 × QEW 917-06	17 × SAK 21-02/SAK 41-02

