



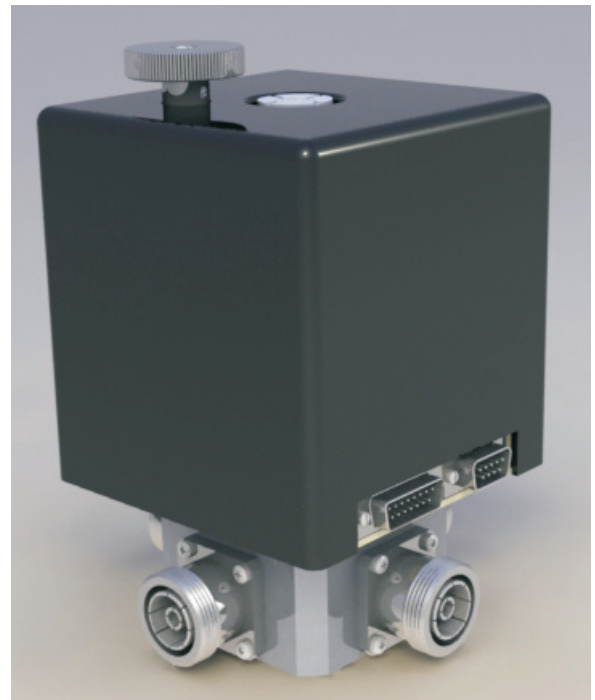
model	power source
SW 716.01	24 VDC
SW 716.02	110 VAC *
SW 716.03	230 VAC *

\* electro motors are 24 VDC (transformers included)

The models SW 716.01, SW 716.02 and SW 716.03 are motor-driven, two-way coaxial transfer switches designed to change coaxial connections with a minimum off-air-time. Mainly they are used for switching transmitters, antennas, dummy loads and other peripheral equipment in situations when broadcasting procedures are modified, when there is need for emergency repair, or during scheduled maintenance.

The coaxial switch provides two isolated RF paths for each switch connections. For prevention of any damage a couple of auxiliary microswitches are built in, that help the RF power throughout the switch to be removed just before the RF spring contacts start to open and also to be established again just after the RF contacts reach their final position.

The aluminium cavity has four ports terminated with standard 7/16" DIN female interfaces. The assembly is not gas-tight. The switch is equipped with a mechanical position indicator and emergency knob for manual operating.



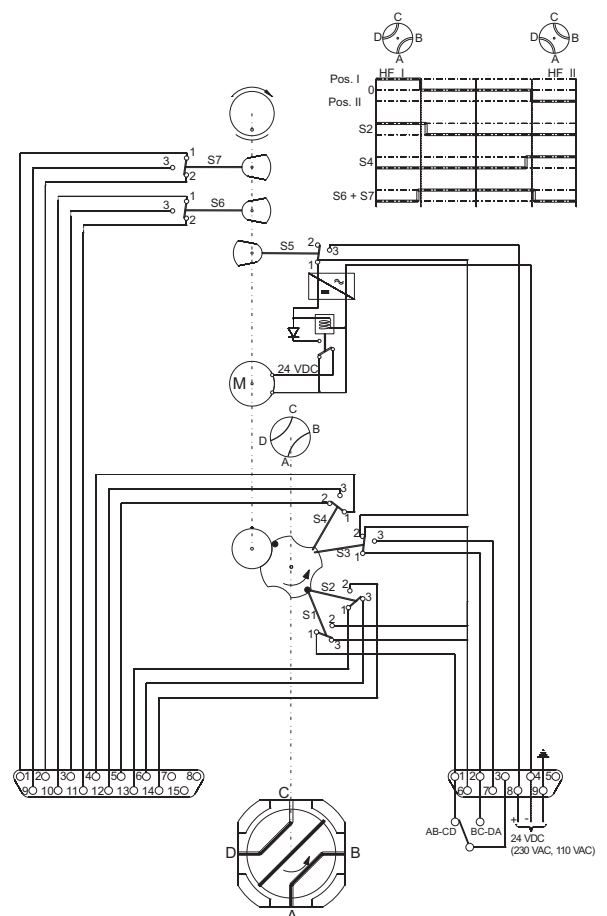
## Specifications

Impedance	50 ohms
Frequency range	from 0.3 up to 1000 MHz
Terminals	four 7/16" DIN female interfaces
VSWR	less than 1.05

Maximum power rating:

MHz	2	30	100	200	500	1000
kW	9	6	4	3	2,2	1,4

Isolation	more than 60 dB
Switching time	1 second
Test voltage AC 50Hz	3 kV peak
Overall dimensions	120x120x180



\* All dimensions shown are in millimeters.  
\* Drawings not to scale.



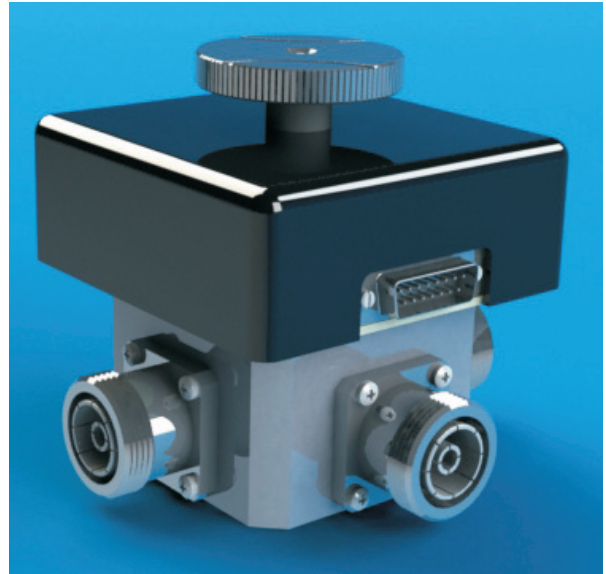
model	power source
SW 716.04	manual

The model SW 716.04 is two-way coaxial transfer switch designed for easy and reliable manual switching of transmitters, antennas, dummy loads and other peripheral equipment in situations when broadcasting procedures are modified, when there is need for emergency repair, or during scheduled maintenance.

The coaxial switch provides two isolated RF paths for each switch connections. For prevention of any damage a couple of auxiliary microswitches are built in, that help the RF power throughout the switch to be removed just before the RF spring contacts start to open and also to be established again just after the RF contacts reach their final position.

The aluminium cavity has four ports terminated with standard 7/16" DIN female interfaces. The assembly is not gas-tight.

Besides handwheel for manual operating, the switch is equipped with a mechanical position indicator.



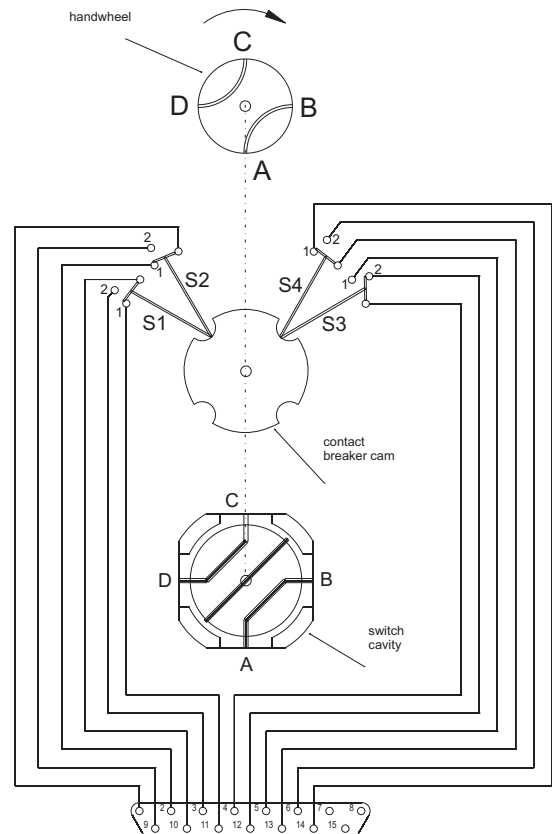
## Specifications

Impedance	50 ohms
Frequency range	from 0.3 up to 1000 MHz
Terminals	four 7/16" DIN female interfaces
VSWR	less than 1.05

Maximum power rating:

MHz	2	30	100	200	500	1000
kW	9	6	4	3	2,2	1,4

Isolation	more than 60 dB
Test voltage AC 50Hz	3 kV peak
Overall dimensions	120x120x105



Legend:

- S1 upper auxiliary micro switch
- S2 lower auxiliary micro switch
- S3 upper auxiliary micro switch
- S4 lower auxiliary micro switch



\* All dimensions shown are in millimeters.  
 \* Drawings not to scale.



model	power source
SW 78.01	24 VDC
SW 78.02	110 VAC *
SW 78.03	230 VAC *

\* electro motors are 24 VDC (transformers included)

The models SW78.01, SW 78.02 and SW 78.03 are motor-driven, two-way coaxial transfer switches designed to change coaxial connections with a minimum off-air-time. Mainly they are used for switching transmitters, antennas, dummy loads and other peripheral equipment in situations when broadcasting procedures are modified, when there is need for emergency repair, or during scheduled maintenance.

The coaxial switch provides two isolated RF paths for each switch connections. For prevention of any damage a couple of auxiliary microswitches are built in, that help the RF power throughout the switch to be removed just before the RF spring contacts start to open and also to be established again just after the RF contacts reach their final position.

The aluminium cavity has four ports terminated with standard 7/8" EIA flanges including non-removable inner conductor connectors. The assembly is not gas-tight. The switch is equipped with a mechanical position indicator and emergency knob for manual operating.



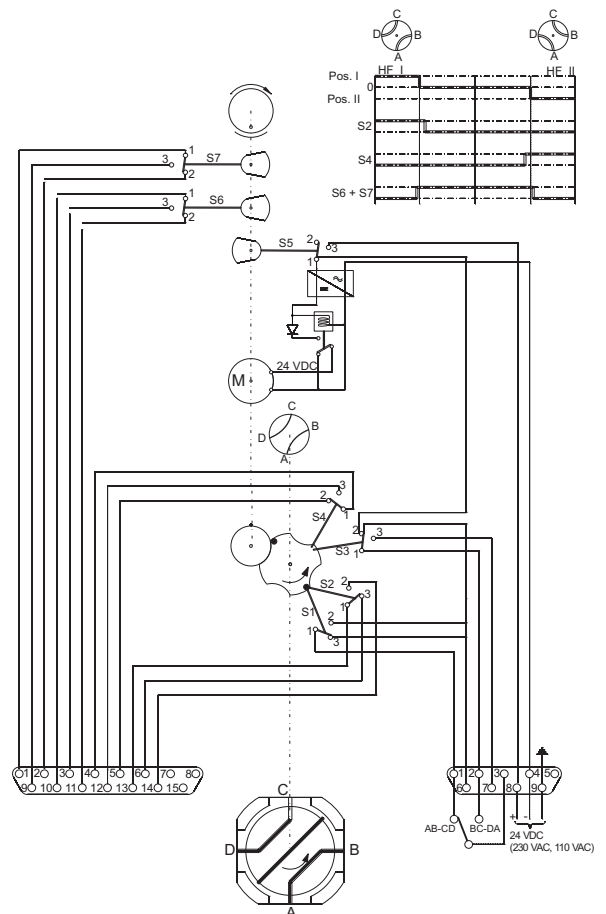
### Specifications

Impedance	50 ohms
Frequency range	from 0.3 up to 1000 MHz
Terminals	four 7/8" EIA flanges, plug
VSWR	less than 1.05

Maximum power rating:

MHz	2	30	100	200	500	1000
kW	14	8	4,5	3,5	2,3	1,7

Isolation	more than 60 dB
Switching time	1 second
Test voltage AC 50Hz	4,5 kV peak
Overall dimensions	140x140x195



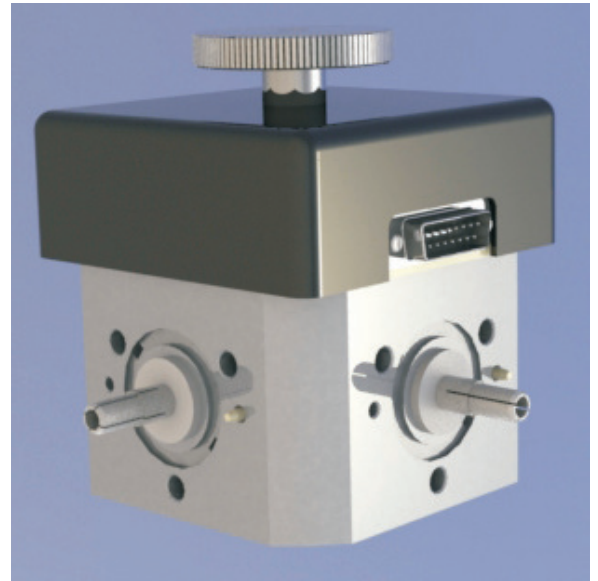
\* All dimensions shown are in millimeters.  
\* Drawings not to scale.



model	power source
SW 78.04	manual

The model SW 78.04 is two-way coaxial transfer switch designed for easy and reliable manual switching of transmitters, antennas, dummy loads and other peripheral equipment in situations when broadcasting procedures are modified, when there is need for emergency repair, or during scheduled maintenance. The coaxial switch provides two isolated RF paths for each switch connections. For prevention of any damage a couple of auxiliary microswitches are built in, that help the RF power throughout the switch to be removed just before the RF spring contacts start to open and also to be established again just after the RF contacts reach their final position.

The aluminium cavity has four ports terminated with standard 7/8" EIA flanges including non-removable inner conductor connectors. The assembly is not gas-tight. Besides handwheel for manual operating, the switch is equiped with a mechanical position indicator.



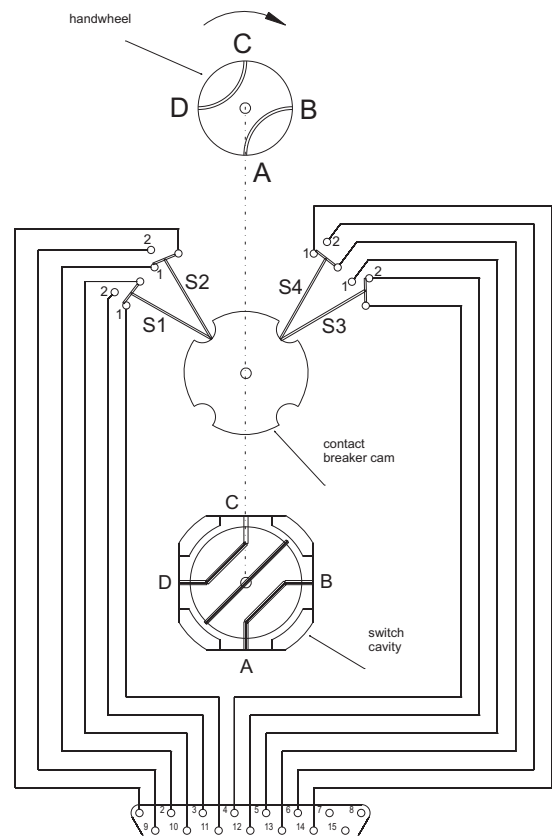
### Specifications

Impedance 50 ohms  
 Frequency range from 0.3 up to 1000 MHz  
 Terminals four 7/8" EIA flanges, plug  
 VSWR less than 1.05

Maximum power rating:

MHz	2	30	100	200	500	1000
kW	14	8	4,5	3,5	2,3	1,7

Isolation more than 60 dB  
 Test voltage AC 50Hz 4,5 kV peak  
 Overall dimensions 140x140x115



**Legend:**

- S1 upper auxiliary micro switch
- S2 lower auxiliary micro switch
- S3 upper auxiliary micro switch
- S4 lower auxiliary micro switch



\* All dimensions shown are in millimeters.  
 \* Drawings not to scale.



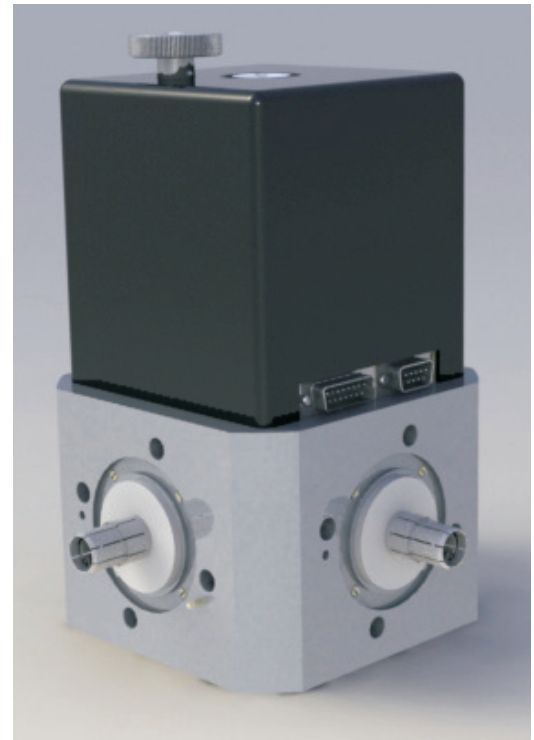
model	power source
SW 158.01	24 VDC
SW 158.02	110 VAC *
SW 158.03	230 VAC *

\* electro motors are 24 VDC (transformers included)

The models SW 158.01, SW 158.02 and SW 158.03 are motor-driven, two-way coaxial transfer switches designed to change coaxial connections with a minimum off-air-time. Mainly they are used for switching transmitters, antennas, dummy loads and other peripheral equipment in situations when broadcasting procedures are modified, when there is need for emergency repair, or during scheduled maintenance.

The coaxial switch provides two isolated RF paths for each switch connections. For prevention of any damage a couple of auxiliary microswitches are built in, that help the RF power throughout the switch to be removed just before the RF spring contacts start to open and also to be established again just after the RF contacts reach their final position.

The aluminium cavity has four ports terminated with standard 1 5/8" EIA flanges including non-removable inner conductor connectors. The assembly is not gas-tight. The switch is equipped with a mechanical position indicator and emergency knob for manual operating.



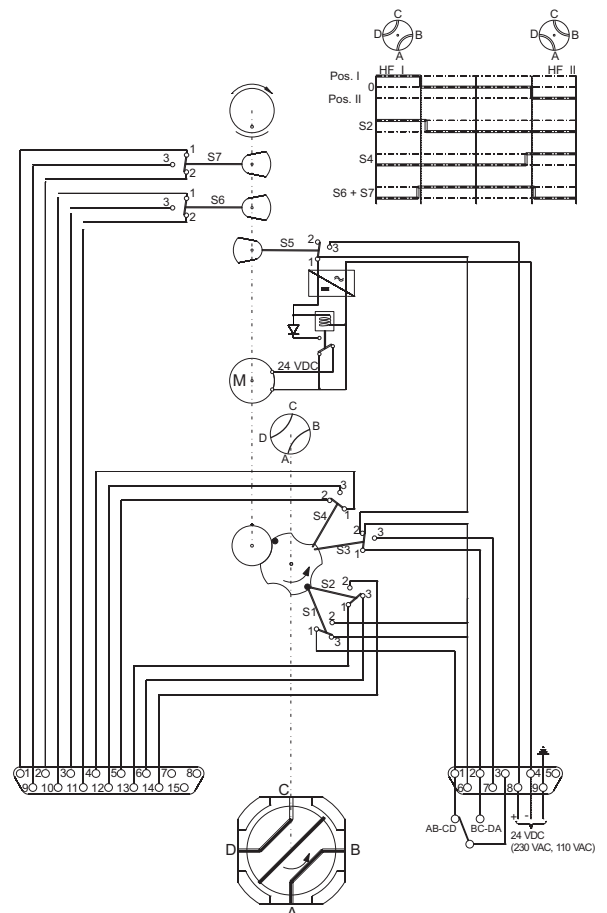
## Specifications

Impedance	50 ohms
Frequency range	from 0.3 up to 1000 MHz
Terminals	four 1 5/8" EIA flanges, plug
VSWR	less than 1.05

Maximum power rating:

MHz	2	30	100	200	500	1000
kW	85	24	13	9,5	5,5	4

Isolation	more than 60 dB
Switching time	1 second
Test voltage AC 50Hz	8 kV peak
Overall dimensions	190x190x230

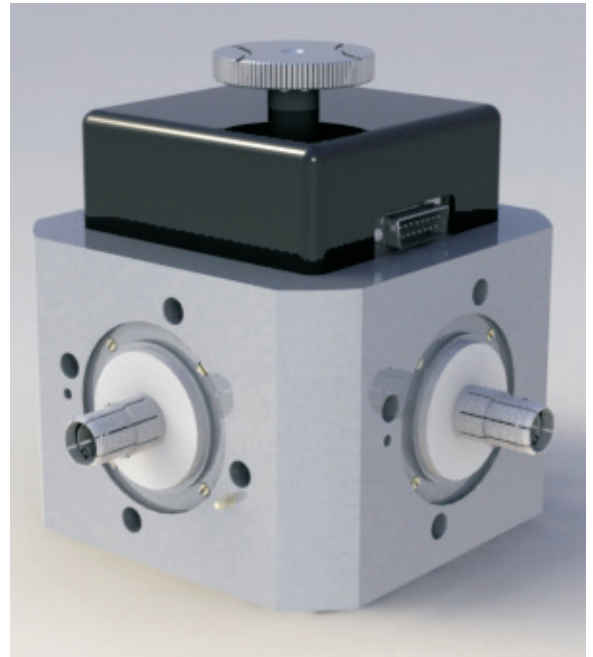


\* All dimensions shown are in millimeters.  
\* Drawings not to scale.





model	power source
SW 158.04	manual



The model SW 158.04 is two-way coaxial transfer switch designed for easy and reliable manual switching of transmitters, antennas, dummy loads and other peripheral equipment in situations when broadcasting procedures are modified, when there is need for emergency repair, or during scheduled maintenance.

The coaxial switch provides two isolated RF paths for each switch connections. For prevention of any damage a couple of auxiliary microswitches are built in, that help the RF power throughout the switch to be removed just before the RF spring contacts start to open and also to be established again just after the RF contacts reach their final position.

The aluminium cavity has four ports terminated with standard 1 5/8" EIA flanges including non-removable inner conductor connectors. The assembly is not gas-tight. Besides handwheel for manual operating, the switch is equipped with a mechanical position indicator.

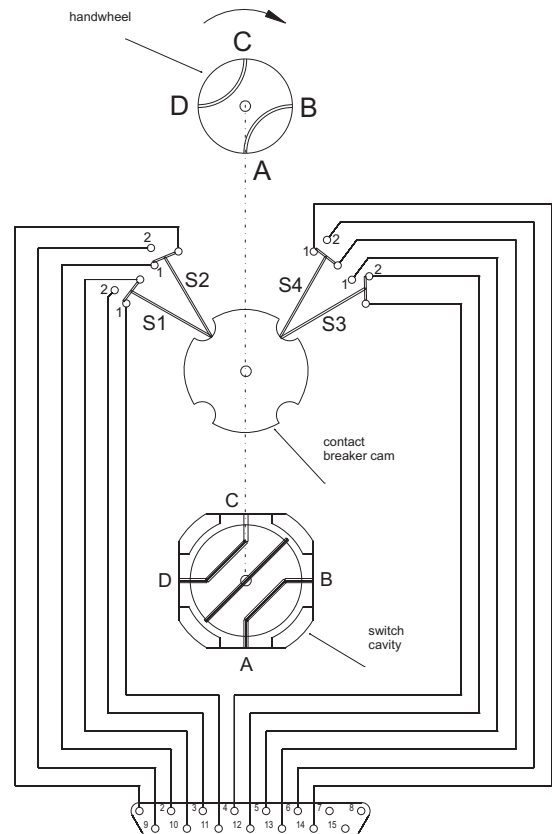
### Specifications

Impedance	50 ohms
Frequency range	from 0.3 up to 1000 MHz
Terminals	four 1 5/8" EIA flanges, plug
VSWR	less than 1.05

Maximum power rating:

MHz	2	30	100	200	500	1000
kW	85	24	13	9,5	5,5	4

Isolation	more than 60 dB
Test voltage AC 50Hz	8 kV peak
Overall dimensions	190x190x150



Legend:

- S1 upper auxiliary micro switch
- S2 lower auxiliary micro switch
- S3 upper auxiliary micro switch
- S4 lower auxiliary micro switch



\* All dimensions shown are in millimeters.  
\* Drawings not to scale.



model	power source
SW 318.01	24 VDC
SW 318.02	110 VAC *
SW 318.03	230 VAC *

\* electro motors are 24 VDC (transformers included)

The models SW 318.01, SW 318.02 and SW 318.03 are motor-driven two-way coaxial transfer switches designed to change coaxial connections with a minimum off-air-time. Mainly they are used for switching transmitters, antennas, dummy loads and other peripheral equipment in situations when broadcasting procedures are modified, when there is need for emergency repair, or during scheduled maintenance.

The coaxial switch provides two isolated RF paths for each switch connections. For prevention of any damage a couple of auxiliary microswitches are built in, that help the RF power throughout the switch to be removed just before the RF spring contacts start to open and also to be established again just after the RF contacts reach their final position.

The aluminum RF cavity has four ports terminated with 3 1/8" EIA flanges including non-removable inner conductor connectors. The assembly is not gas tight. The switch is equipped with a mechanical position indicator and emergency knob for manual operating.



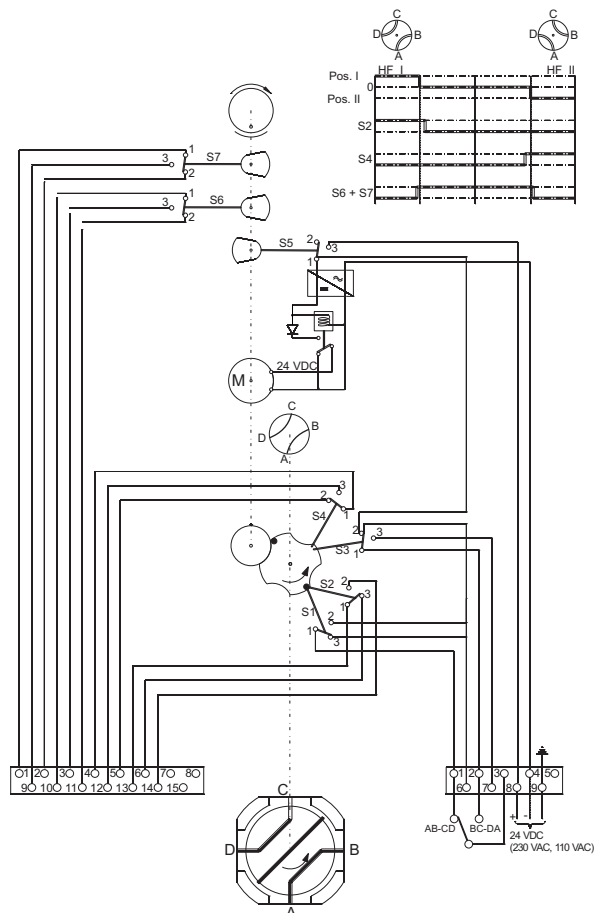
## Specifications

Impedance	50 ohms
Frequency range	from 0.3 up to 900 MHz
Terminals	four 3 1/8" EIA flanges, plug
VSWR	less than 1.05

Maximum power rating:

MHz	2	30	100	200	500	900
kW	140	75	42	30	20	14

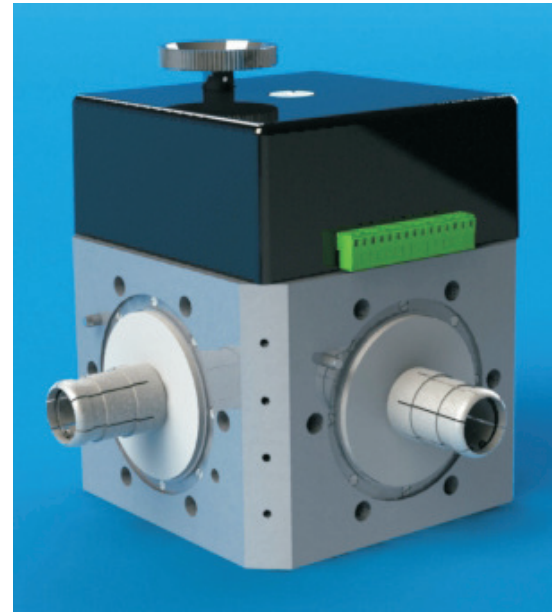
Isolation	more than 60 dB
Switching time	2 seconds
Test voltage AC 50Hz	18 kV peak
Overall dimensions	275x275x285



\* All dimensions shown are in millimeters.  
\* Drawings not to scale.



model	power source
SW 318.04	manual



The model SW 318.04 is two-way coaxial transfer switch designed for easy and reliable manual switching of transmitters, antennas, dummy loads and other peripheral equipment in situations when broadcasting procedures are modified, when there is need for emergency repair, or during scheduled maintenance.

The coaxial switch provides two isolated RF paths for each switch connections. For prevention of any damage a couple of auxiliary microswitches are built in, that help the RF power throughout the switch to be removed just before the RF spring contacts start to open and also to be established again just after the RF contacts reach their final position. The aluminum RF cavity has four ports terminated with 3 1/8" EIA flanges including non-removable inner conductor connectors. The assembly is not gas-tight. Besides handwheel for manual operating, the switch is equipped with a mechanical position indicator.

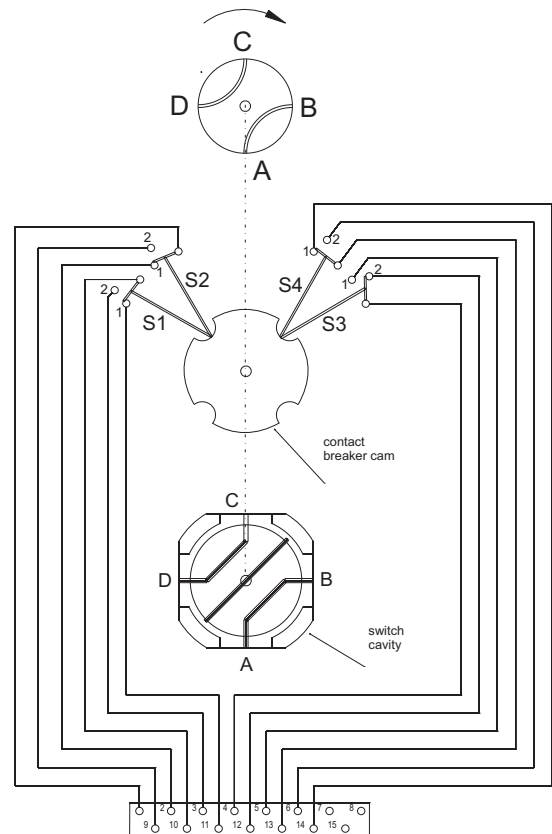
### Specifications

Impedance	50 ohms
Frequency range	from 0.3 up to 900 MHz
Terminals	four 3 1/8" EIA flanges, plug
VSWR	less than 1.05

Maximum power rating:

MHz	2	30	100	200	500	900
kW	140	75	42	30	20	14

Isolation	more than 60 dB
Test voltage AC 50Hz	18 kV peak
Overall dimensions	275x275x285



Legend:

- S1 upper auxiliary micro switch
- S2 lower auxiliary micro switch
- S3 upper auxiliary micro switch
- S4 lower auxiliary micro switch



\* All dimensions shown are in millimeters.  
 \* Drawings not to scale.





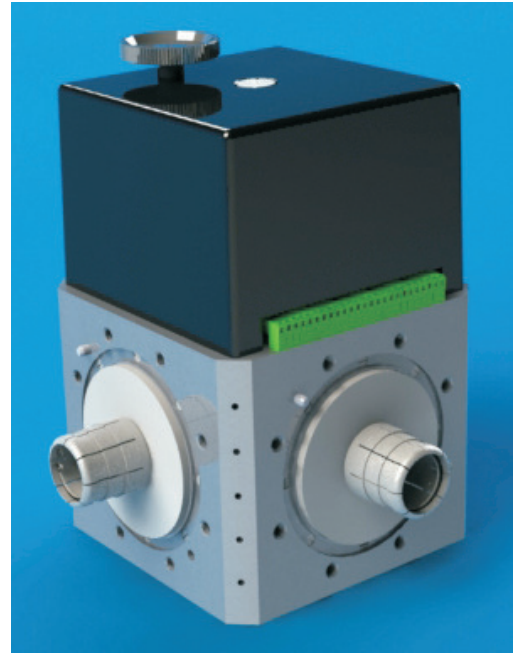
model	power source
SW 412.01	24 VDC
SW 412.02	110 VAC *
SW 412.03	230 VAC *

\* electro motors are 24 VDC (transformers included)

The models SW 412.01, SW 412.02 and SW 412.03 are motor-driven two-way coaxial transfer switches designed to change coaxial connections with a minimum off-air-time. Mainly they are used for switching transmitters, antennas, dummy loads and other peripheral equipment in situations when broadcasting procedures are modified, when there is need for emergency repair, or during scheduled maintenance.

The coaxial switch provides two isolated RF paths for each switch connections. For prevention of any damage a couple of auxiliary microswitches are built in, that help the RF power throughout the switch to be removed just before the RF spring contacts start to open and also to be established again just after the RF contacts reach their final position.

The aluminum RF cavity has four ports terminated with 4 1/2" EIA flanges including non-removable inner conductor connectors. The assembly is not gas-tight. The switch is equipped with a mechanical position indicator and emergency knob for manual operating.



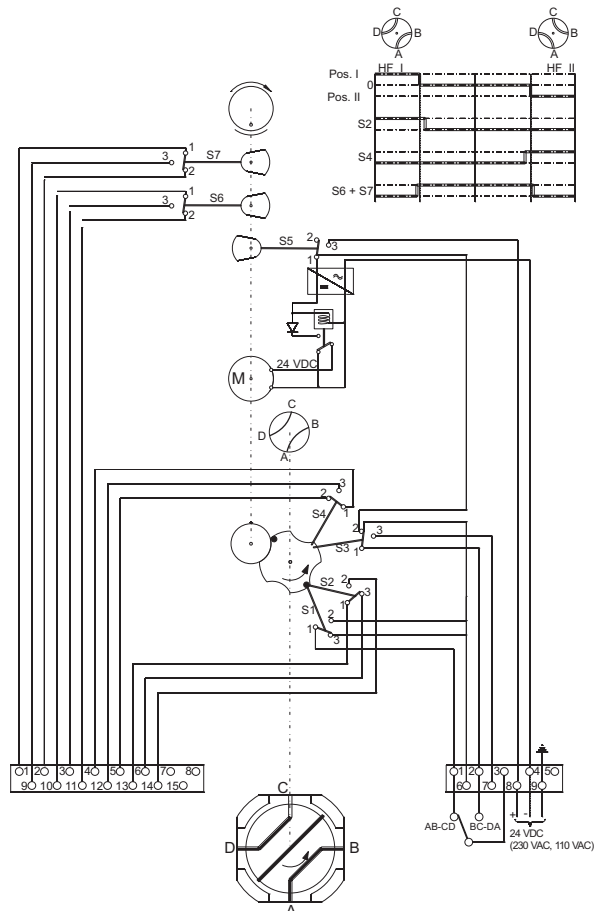
### Specifications

Impedance	50 ohms
Frequency range	from 0.3 up to 800 MHz
Terminals	four 4 1/2" EIA flanges, plug
VSWR	less than 1.05

Maximum power rating:

MHz	2	30	100	200	500	800
kW	220	130	70	53	32	25

Isolation	more than 60 dB
Switching time	2 seconds
Test voltage AC 50Hz	35 kV peak
Overall dimensions	290x290x310



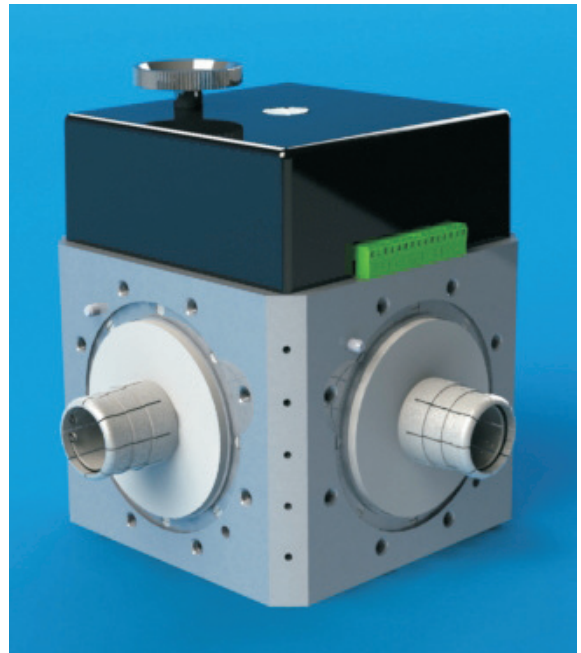
\* All dimensions shown are in millimeters.  
\* Drawings not to scale.



model	power source
SW 412.04	manual

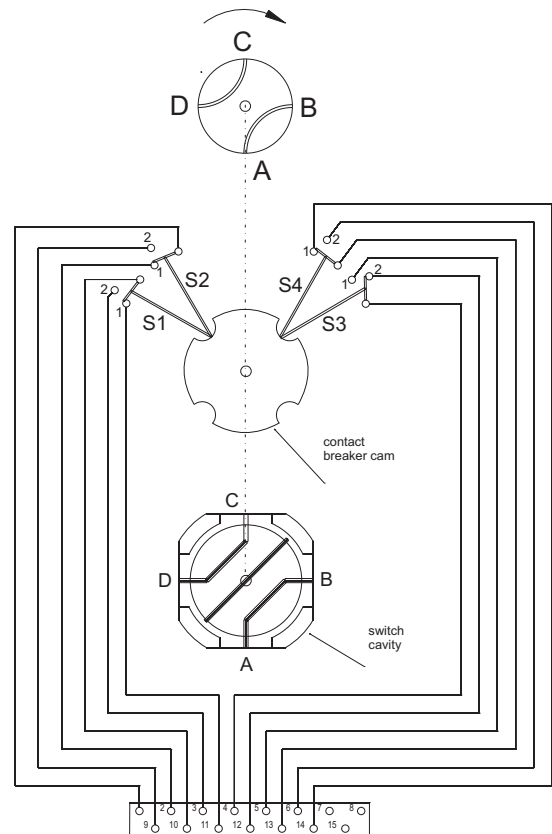
The model SW 412.04 is two-way coaxial transfer switch designed for easy and reliable manual switching of transmitters, antennas, dummy loads and other peripheral equipment in situations when broadcasting procedures are modified, when there is need for emergency repair, or during scheduled maintenance. The coaxial switch provides two isolated RF paths for each switch connections. For prevention of any damage a couple of auxiliary microswitches are built in, that help the RF power throughout the switch to be removed just before the RF spring contacts start to open and also to be established again just after the RF contacts reach their final position.

The aluminum RF cavity has four ports terminated with 4 1/2" EIA flanges including non-removable inner conductor connectors. The assembly is not gas-tight. Besides handwheel for manual operating, the switch is equipped with a mechanical position indicator.



### Specifications

Impedance	50 ohms					
Frequency range	from 0.3 up to 800 MHz					
Terminals	four 4 1/2" EIA flanges, plug					
VSWR	less than 1.05					
Maximum power rating:						
MHz	2	30	100	200	500	800
kW	220	130	70	53	32	25
Isolation	more than 60 dB					
Test voltage AC 50Hz	35 kV peak					
Overall dimensions	290x290x255					



#### Legend:

- S1 upper auxiliary micro switch
- S2 lower auxiliary micro switch
- S3 upper auxiliary micro switch
- S4 lower auxiliary micro switch



\* All dimensions shown are in millimeters.  
 \* Drawings not to scale.



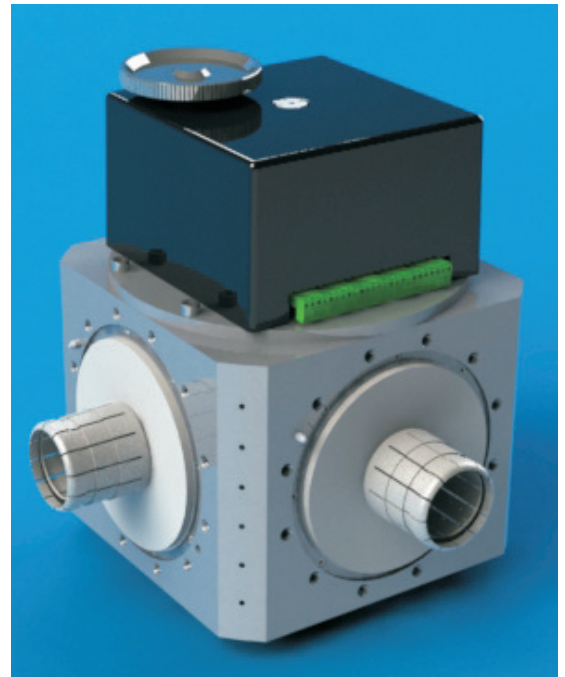
model	power source
SW 618.01	24 VDC
SW 618.02	110 VAC *
SW 618.03	230 VAC *

\* electro motors are 24 VDC (transformers included)

The models SW 618.01, SW 618.02 and SW 618.03 are motor-driven two-way coaxial transfer switches designed to change coaxial connections with a minimum off-air-time. Mainly they are used for switching transmitters, antennas, dummy loads and other peripheral equipment in situations when broadcasting procedures are modified, when there is need for emergency repair, or during scheduled maintenance.

The coaxial switch provides two isolated RF paths for each switch connections. For prevention of any damage a couple of auxiliary microswitches are built in, that help the RF power throughout the switch to be removed just before the RF spring contacts start to open and also to be established again just after the RF contacts reach their final position.

The aluminum RF cavity has four ports terminated with 6 1/8" EIA flanges including non-removable inner conductor connectors. The assembly is not gas-tight. The switch is equipped with a mechanical position indicator and emergency knob for manual operating.



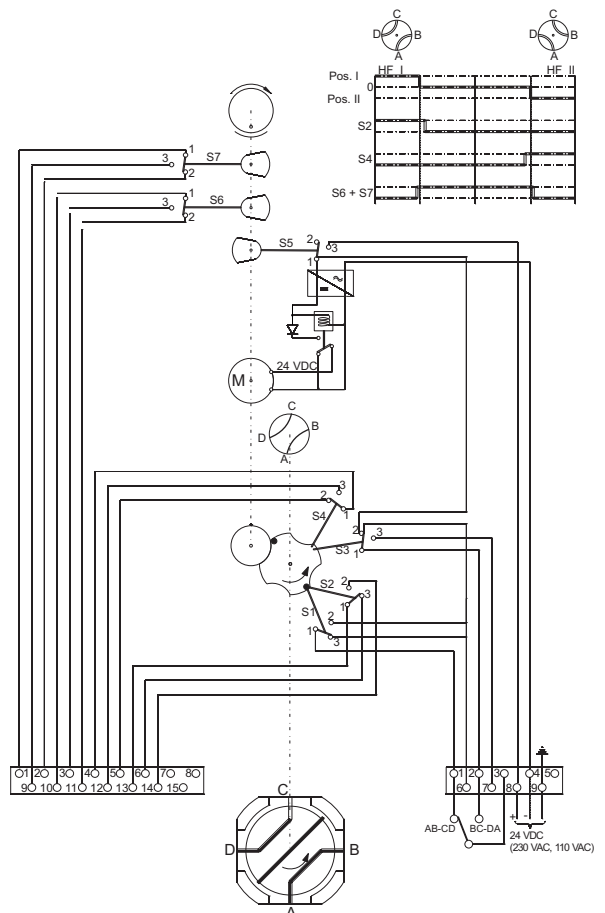
### Specifications

Impedance	50 ohms
Frequency range	from 0.3 up to 700 MHz
Terminals	four 6 1/8" EIA flanges, plug
VSWR	less than 1.05

Maximum power rating:

MHz	2	30	100	200	500	700
kW	600	240	110	90	50	40

Isolation	more than 60 dB
Switching time	2 seconds
Test voltage AC 50Hz	40 kV peak
Overall dimensions	400x400x355

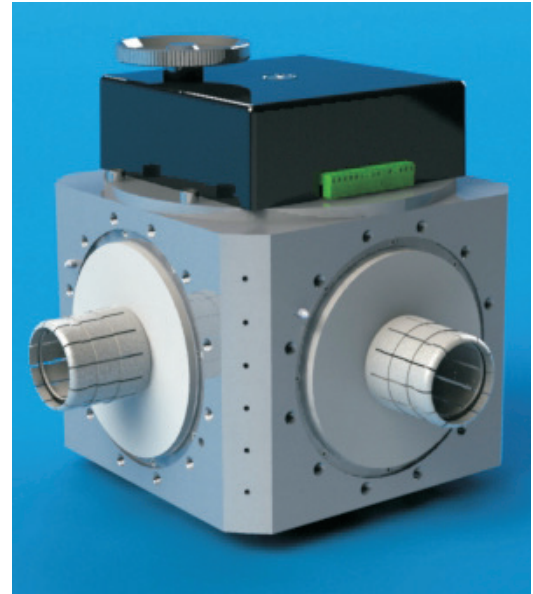


\* All dimensions shown are in millimeters.  
\* Drawings not to scale.



model	power source
SW 618.04	manual

The model SW 618.04 is two-way coaxial transfer switch designed for easy and reliable manual switching of transmitters, antennas, dummy loads and other peripheral equipment in situations when broadcasting procedures are modified, when there is need for emergency repair, or during scheduled maintenance. The coaxial switch provides two isolated RF paths for each switch connections. For prevention of any damage a couple of auxiliary microswitches are built in, that help the RF power throughout the switch to be removed just before the RF spring contacts start to open and also to be established again just after the RF contacts reach their final position. The aluminum RF cavity has four ports terminated with 6 1/8" EIA flanges including non-removable inner conductor connectors. The assembly is not gas-tight. Besides handwheel for manual operating, the switch is equipped with a mechanical position indicator.



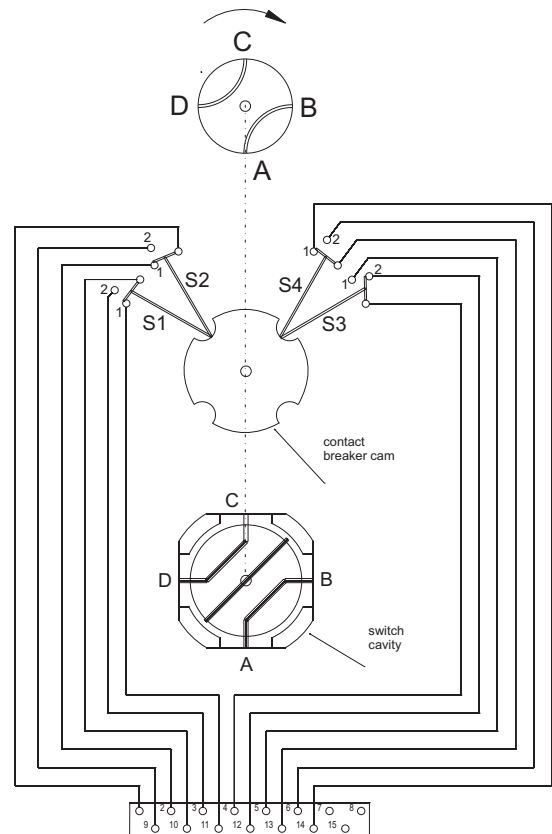
### Specifications

Impedance	50 ohms
Frequency range	from 0.3 up to 700 MHz
Terminals	four 6 1/8" EIA flanges, plug
VSWR	less than 1.05

Maximum power rating:

MHz	2	30	100	200	500	700
kW	600	240	110	90	50	40

Isolation	more than 60 dB
Test voltage AC 50Hz	40 kV peak
Overall dimensions	400x400x310



Legend:

- S1 upper auxiliary micro switch
- S2 lower auxiliary micro switch
- S3 upper auxiliary micro switch
- S4 lower auxiliary micro switch



\* All dimensions shown are in millimeters.  
 \* Drawings not to scale.