

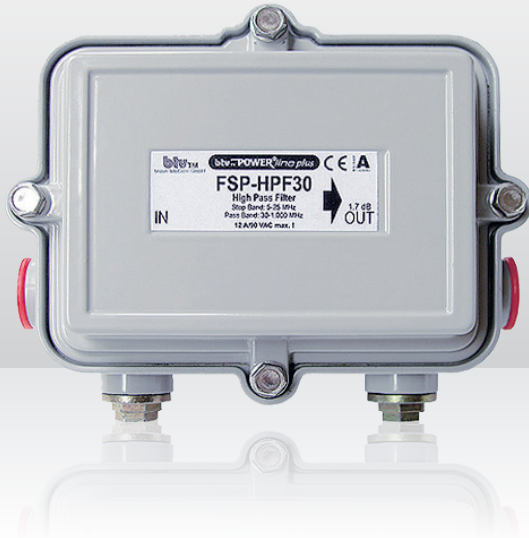
# Remote power filters and equalizers

Remote power rating high pass filters in modular concept

KLASSE  
**A**  
CLASS



57863000  
DCM-HF30



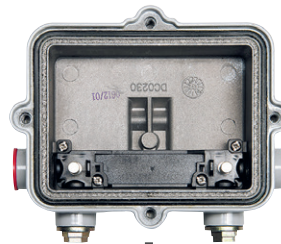
57860000  
Basic housing FSP

- Flexible configuration of high pass filter via plug-in modules DCM-HFxx
- AC/RF bypass switch in the loop for uninterrupted service in case of a removed faceplate, e.g. to change the plug-in module
- Power passing to the loop (IN – OUT) by 12 A at 65/90 VAC
- Hum modulation distance at 10 A/90 VAC -60 dB average
- Surge protection 6 kV 1,2/50  $\mu$ s

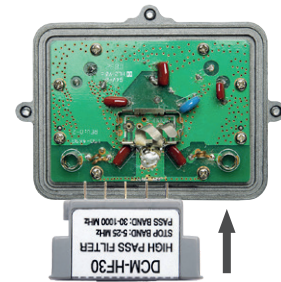
- Watertight aluminium alloy housing with PU coating (IP65)
- Waterproof condition 15 PSI
- All connections are 5/8" threads
- 100 dB min. RFI isolation
- Mounting angle not included (Order No. 52999000)

Parameter	Plug-in module high pass filter DCM-HF30	Plug-in module high pass filter DCM-HF85
Pass band [MHz]	30 – 1.000	84 – 1.000
Through loss [dB]	$\leq 1,5 \pm 0,5$	$\leq 1,5 \pm 0,5$
Stop band [MHz]	5 – 25	5 – 65
Rejection [dB]	> 50	> 50
Return loss [dB]	> 16	> 16
Dimensions [mm]	144 x 118 x 75	
Order No.	57863000	57868500

## Assembling of tap modules into the FSP housing



1. Remove the cover from the housing (Order No. 57860000).

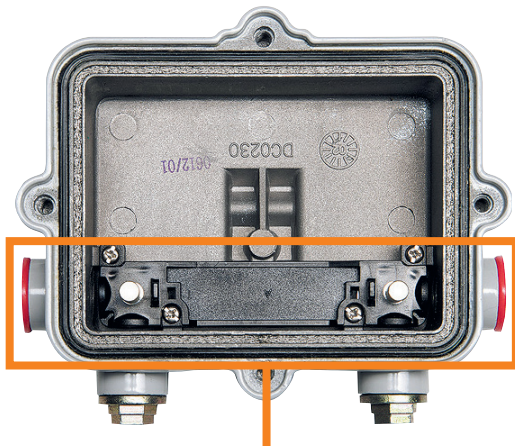


2. Insert the DCM module as shown into the plug-in socket. The direction of the modules is guided by a guide rail on the plug-in socket.



3. Mount the cover onto the housing and paste the matching sticker for identification of the high pass filter onto the label.

## Uninterrupted AC & RF transmission in the loop



An integrated power passing bar between in- and output provides an uninterrupted AC and RF signal forwarding to the downstream network.

# Remote power rating line equalizer in modular concept



**52711806**  
DCM-65EQ-6G



**52711800**  
Basic housing  
FSP-DCM-EQ

KLASSE  
**A**  
CLASS

- Flexible configuration of the equalizer via plug-in modules DCM-65EQ-xx
- AC/RF bypass switch in the loop for uninterrupted service in case of a removed faceplate, e.g. to change the plug-in module
- Power passing to the loop (IN – OUT) by 12 A at 65/90 VAC
- Hum modulation distance at 10 A/90 VAC -70 dB average
- Surge protection 6 kV 1,2/50 µs
- Watertight aluminium alloy housing with PU coating (IP68)
- Waterproof condition 15 PSI
- All connections are 5/8" threads
- 100 dB min. RFI isolation
- Mounting angle not included (Order No. 52999000)

Parameter	Frequency [MHz]	DCM-65EQ-3G	DCM-65EQ-6G	DCM-65EQ-9G	DCM-65EQ-12G
Through loss [dB]	5 – 60	0,9 ± 0,6	0,9 ± 0,6	0,9 ± 0,6	0,9 ± 0,6
	60 – 65	1,8 ± 0,7	1,8 ± 0,7	1,8 ± 0,7	1,8 ± 0,7
	85 – 1.006	5 ± 0,75 - 2 ± 0,75	8 ± 0,75 - 2 ± 0,75	11 ± 0,75 - 2 ± 0,75	14,5 ± 0,75 - 2 ± 0,75
	1.006 – 1.218	2 ± 0,75 - 1,8 ± 1	2 ± 0,75 - 1,8 ± 1	2 ± 0,75 - 1,8 ± 1	2 ± 0,75 - 1,8 ± 1
Return loss [dB]		> 16	> 16	> 16	> 16
Order No.		52711803	52711806	52711809	52711812

Parameter	Frequency [MHz]	FSP-DCM-EQ
Through loss with removed faceplate [dB max.]	5 – 1.006	0,5
	1.006 – 1.218	1
Dimensions [mm]		144 x 118 x 75
Order No.		52711800

## Assembling of tap modules into the FSP housing

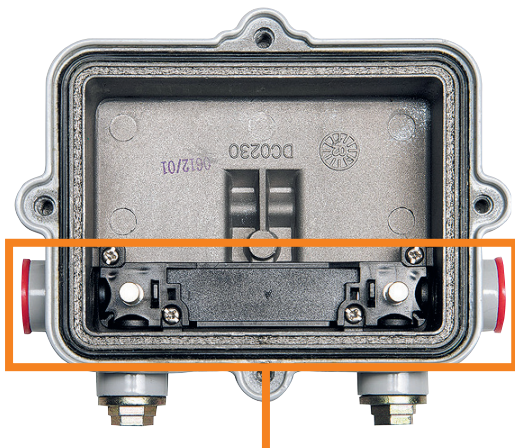


1. Remove the cover from the housing (Order No. 57860000).

2. Insert the DCM module as shown into the plug-in socket. The direction of the modules is guided by a guide rail on the plug-in socket.

3. Mount the cover onto the housing and paste the matching sticker for identification of the high pass filter onto the label.

## Uninterrupted AC & RF transmission in the loop



An integrated power passing bar between in- and output provides an uninterrupted AC and RF signal forwarding to the downstream network.