

## OVERVIEW AMPLIFIER PLUG-IN MODULES

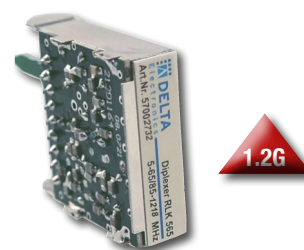
### AM / VM-Plug-in modules

- Taps- and splitter modules for LHD / NVD

Type	AM 301-10A	AM 301-10B	AM 301-14A	AM 301-14B
Item No.	57002093	57002117	57003890	57003763
Description	1-way tap	1-way tap	1-way tap	1-way tap
Frequency range MHz	5-1218	5-1218	5-1218	5-1218
Loss dB	1.3 / 10.0	1.3 / 10.0	1.3 / 14.0	1.3 / 14.0
Type	Tap ou	Line out	Tap out	Line out
NVD 9xxx	■	■	■	■
LHD 4x	■	■	■	■

For detailed application of VM / AM modules please refer to the respective block diagram

- Diplex-filter-modules RLK
- For 1.2 GHz amplifier BKD-G / LHD-G / NVD-G
- Return loss >20 dB at 47 MHz, -1.5 dB per octave
- Metal cover for solid protection and high screening immunity
- Remark: multiple pieces per amplifier needed



Type	RLK 565-1	RLK 585-1	RLK 5200
Item No.	57002732	57002733	57002776
Application	BKD-G / LHD 43G / NVD 9243G	BKD-G / LHD 43G / NVD 9243G	BKD-G / LHD 43G / NVD 9243G
Frequency range Upstream MHz	5-65	5-85	5-204
Frequency range Downstream MHz	85-1218	105-1218	258-1218
Through loss dB	0.5	0.5	0.5
Isolation Up-/Downstream dB	> 50 per diplexer	> 50 per diplexer	> 50 per diplexer
Dimensions / Weight mm / kg	30 x 26 x 8 / 0.05	30 x 26 x 8 / 0.05	30 x 26 x 8 / 0.05

## FILTER-MODULES FOR LINE-/ DISTRIBUTIONAMPLIFIER

### High pass / low pass-filter plug-in modules

- For LHD / NVD to increase the isolation between US/DS
- For pairwise use LPF / HPF depends on RLK diplexer configuration
- E.g. 2 x RLK 565-1 requires 1 x LPF 5-65 + 1 x HPF 85-1
- Style JXP 1", 3-PIN

Type	LPF 5-65	LPF 5-85	LPF 5-204	HPF 85-1	HPF 105-1	HPF 258-1
Item No.	57002295	57002296	57002820	57002297	57002298	57002819
Application	LHD / NVD	LHD / NVD	LHD / NVD	LHD / NVD	LHD / NVD	LHD / NVD
Frequency range Upstream MHz	5-65	5-85	5-204	HP stopp	HP stopp	HP stopp
Frequency range Downstream MHz	LP stopp	LP stopp	LP stopp	85-1218	105-1218	285-1218
Through loss dB	0.4	0.4	0.5	0.5	0.5	0.5
Stopp band isolation dB	> 30	> 30	> 30	> 30	> 30	> 30
Dimensions / Weight mm / kg	8 x 28 x 4 / 0.01	8 x 28 x 4 / 0.01	8 x 28 x 4 / 0.01	8 x 28 x 4 / 0.01	8 x 28 x 4 / 0.01	8 x 28 x 4 / 0.01