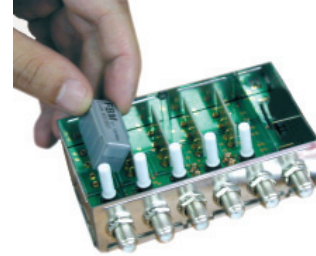



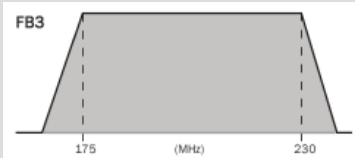



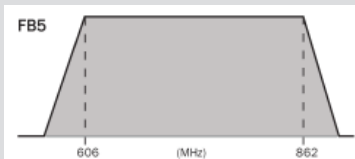
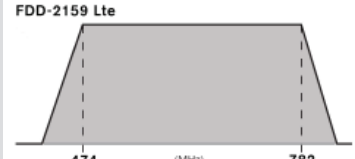
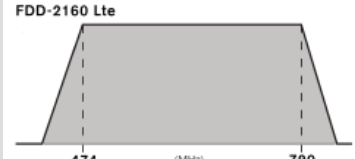
FDD -2160 Lte



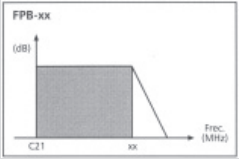
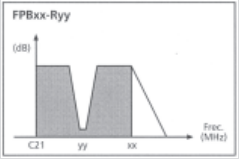
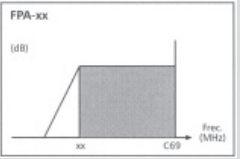
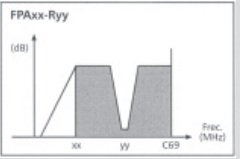
FBM

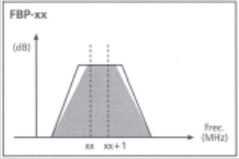
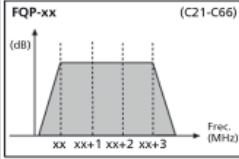
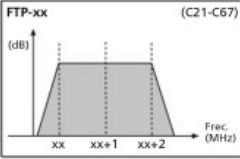
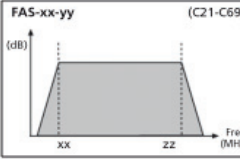
Technical specifications. Plug in Filters

| | FBM | FB-3 | FB-4 |
|------------------------------|---|--|---|
| Code | 9003601 | 9003602 | 9003604 |
| Description | Insertable filter FM | Insertable filter BIII | Insertable filter Band IV |
| Band pass (MHz) | 87-108 | 175-230 | 470-606 |
| Selectivity (dB) | $\geq 20 \pm 20\text{MHz}$ | $\geq 20 \pm 20\text{MHz}$ | $\geq 20 \pm 20\text{MHz}$ |
| Compatible amplifiers | AMC, KMC, ZM and CC | AMC, KMC, ZM and CC | AMC, KMC, ZM and CC |
| Packing quantity | 1/12 | 1/12 | 1/12 |
| Response diagram |  |  |  |

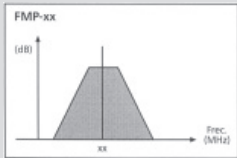
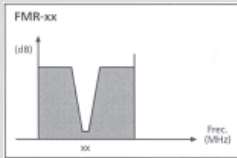
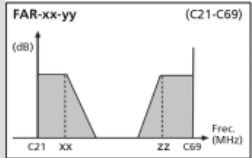
| | FB-5 | FDD-2159 Lte | FDD-2160 Lte |
|------------------------------|---|--|---|
| Code | 9003605 | 0300225 | 0300220 |
| Description | Insertable filter Band V | Insertable filter UHF Lte CH21-59 | Insertable filter UHF Lte CH21-60 |
| Band pass (MHz) | 606-862 | 474-782 | 474-790 |
| Selectivity (dB) | $\geq 20 \pm 20\text{MHz}$ | $\geq 20 \pm 20\text{MHz}$ | $\geq 20 \pm 20\text{MHz}$ |
| Compatible amplifiers | AMC, KMC, ZM and CC | AMC, KMC, ZM and CC | AMC, KMC, ZM and CC |
| Packing quantity | 1/12 | 1/12 | 1/12 |
| Response diagram |  |  |  |

Technical specifications. Plug in Filters

| | FPB-xx * | FPB-xx-Ryy * | FPA-xx * | FPA-xx-Ryy * |
|-----------------------------------|---|---|--|---|
| Code | 0300205-xx | 0300205-xyy | 0300206-xx | 0300206-xyy |
| Description | Low Pass filter | Low Pass filter and channel rejection | High Pass filter | High Pass filter and channel rejection |
| Pass channel | C21 - Cxx | C21 - Cxx | Cxx - C69 | Cxx - C69 |
| Limits | $C25 < Cxx < C43$ | $C25 < Cxx < C43$ $C25 < Cyy < Cxx$ | $C30 < Cxx < C65$ | $C30 < Cxx < C65$ $Cxx < Cyy < C65$ |
| Insertion attenuation (dB) | 1 | 1 | 1 | 1 |
| Rejection to Cyy (dB) | - | >10 | - | >10 |
| Selectivity (dB) | $\geq 20 + 20\text{MHz}$ | $\geq 20 + 20\text{MHz}$ | $\geq 20 - 20\text{MHz}$ | $\geq 20 - 20\text{MHz}$ |
| Compatible amplifiers | AMC, KMC, ZM and CC | AMC, KMC, ZM and CC | AMC, KMC, ZM and CC | AMC, KMC, ZM and CC |
| Packing quantity | 1 | 1 | 1 | 1 |
| Response diagram |  |  |  |  |

| | FBP-x * / x+1 | FQP-xx * | FTP-xx * | FAS-xx-zz * |
|-----------------------------------|---|---|--|---|
| Code | 0300201-x / x+1 | 0300215-xx | 0300214-xx | 0300216-xx-zz |
| Description | 2 channels pass filter | 4 channels pass filter | 3 channels pass filter | Band pass filter with customized BW |
| Pass channel | Cxx - Cxx+1 | Cxx - Cxx+3 | Cxx - Cxx+2 | Cxx - Czz |
| Limits | $C21 < Cxx < C68$ | $C21 < Cxx < C66$ | $C21 < Cxx < C67$ | $C21 < Cxx < C69$ $Czz - Cxx > 5 \text{ canales}$ |
| Insertion attenuation (dB) | 4,5 | 4,5 | 4,5 | 2 |
| Selectivity (dB) | $\geq 20 \pm 20\text{MHz}$ | $\geq 15 \pm 20\text{MHz}$ | $\geq 15 \pm 20\text{MHz}$ | $\geq 2 \pm 2\text{CH}$ $\geq 5 \pm 4\text{CH}$ |
| Compatible amplifiers | AMC, KMC, ZM and CC | AMC, KMC, ZM and CC | AMC, KMC, ZM and CC | AMC, KMC, ZM and CC |
| Packing quantity | 1 | 1 | 1 | 1 |
| Response diagram |  |  |  |  |

* xx: indicate the cut channel / yy: indicate the rejection channel / zz: ctop channel to xx

| Technical specifications. Plug in Filters | | | |
|---|---|--|---|
| | FMP-xx * | FMR-xx * | FAR-xx-zz * |
| Code | 0300207-xx | 0300208-xyy | 0300217-xx-zz |
| Description | Single-channel pass filter | Single-channel rejection filter | Customized rejection filter |
| Pass channel | Cxx | C21-C69 - Cxx | Cxx - C69 |
| Limits | C21 < Cxx < C69 | C21 < Cxx < C69 | C30 < Cxx < C65 |
| Insertion attenuation (dB) | 4,5 | | |
| Rejection to Cyy (dB) | - | 25 | - |
| Selectivity (dB) | ≥ 15 +/- 20MHz | < 3 +/- 20MHz | ≥ 2 +/- 2CH ≥ 5 +/- 4CH |
| Compatible amplifiers | AAMC, KMC, ZM and CC | AMC, KMC, ZM and CC | AMC, KMC, ZM and CC |
| Packing quantity | 1 | 1 | 1 |
| Response diagram |  |  |  |

* xx: indicate the cut channel / yy: indicate the rejection channel / zz: ctop channel to xx