

S 4631 12/4/33

| 10dB Nominal Band | 3DB width | 60DB width | 60DB 3DB | Dip DB | Slope 60DB per 3DB |
|-------------------------|--------------|---------------|-------------|-----------|--------------------------|
| 3 | 4.6 | 19.6 | 4.26 | 0 | 7.5 |
| 6 | 8.8 | 30 | 3.41 | 0.35 | 10.6 |
| 10 | 13.4 | 38 | 2.83 | 0.60 | 12.3 |

S 5279 12/26/34 5 double tuned cpts interstage

| | | | | | |
|------|------|-------|------|-----|-----|
| 1.3 | 1.55 | 4.35 | 2.81 | 0.0 | 1.4 |
| 4.0 | 4.70 | 12.20 | 2.59 | 0.5 | 3.7 |
| 6.0 | 6.65 | 15.45 | 2.32 | 0.4 | 4.4 |
| 10.0 | 11.9 | 22.50 | 1.97 | 0.5 | 5.6 |

S 5593 3/4/37

| | | | | | |
|------|------|------|------|-----|-----|
| 1.0 | 1.3 | 4.0 | 3.34 | 0 | 1.4 |
| 3.0 | 3.7 | 11.4 | 3.08 | 0.1 | 3.9 |
| 6.3 | 8.1 | 19.9 | 2.46 | 0.4 | 5.9 |
| 10.0 | 12.1 | 25.9 | 2.14 | 0.6 | 6.9 |

Development of Filters used in RCA communications Receivers over the years.

all 50KC
center frequency

Filter number and date
Nominal bandwidth $\pm 10B$

S 6572

2/7/38

M derived 3 sections
Total 10 tuned circuits

| 1 DB Flowed Band | 3 DB width | 60 DB width | $\frac{60 \text{ DB}}{3 \text{ DB}}$ | Dip DB | Slope 60 DB less 3 DB |
|------------------------|---------------|----------------|--------------------------------------|-----------|-----------------------------|
| 1 | 1.0 | 3.2 | 3.20 | 0 | 1.1 |
| 2 | 2.3 | 5.0 | 2.18 | 0.5 | 1.3 |
| 4 | 5.2 | 8.2 | 1.58 | 0 | 1.5 |
| 6 | 7.2 | 11.6 | 1.61 | 0 | 2.2 |
| 10 | 11.1 | 16.9 | 1.52 | 0 | 2.9 |

Development of filters used by RCA
in its communications equipment.