

# Distribution components

## 5 - 8 6 2 M H z

### 2, 3 & 4 WAY SPLITTERS - P A S 1 2 X 2 0 1 1

| Bandwidth (MHz)             | 5 - 40              | 40 - 470  | 470 - 862 | 5 - 40                         | 40 - 470 | 470 - 862 | Dimensions (mm) | Weight (g) |
|-----------------------------|---------------------|-----------|-----------|--------------------------------|----------|-----------|-----------------|------------|
| TYPE                        | Insertion loss (dB) |           |           | Isolation (dB) between outputs |          |           |                 |            |
| <b>PAS1222011</b> 2 outputs | 3.4 ± 0.3           | 3.4 ± 0.3 | 3.6 ± 0.4 | 16                             | 22       | 20        | 53 x 50 x 25    | 55         |
| <b>PAS1232011</b> 3 outputs | 5.3 ± 0.3           | 5.3 ± 0.3 | 5.6 ± 0.5 | 16                             | 20       | 18        | 74 x 50 x 25    | 76         |
| <b>PAS1242011</b> 4 outputs | 7.2 ± 0.3           | 7.2 ± 0.3 | 7.5 ± 0.5 | 18                             | 20       | 16        | 74 x 50 x 25    | 8          |



### 1 WAY TAPS - P A S 2 2 1 2 X 1 1

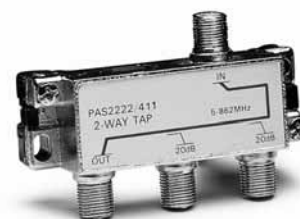
| Bandwidth (MHz)   | 5 - 40        | 40 - 470 | 470 - 862 | 5 - 40              | 40 - 470  | 470 - 862 | 5 - 40                    | 40 - 470 | 470 - 862 |
|-------------------|---------------|----------|-----------|---------------------|-----------|-----------|---------------------------|----------|-----------|
| TYPE              | Tap loss (dB) |          |           | Insertion loss (dB) |           |           | Output-tap isolation (dB) |          |           |
| <b>PAS2212111</b> | 8.5 ± 1       | 8.5 ± 1  | 8.5 ± 1   | 1.6 ± 0.2           | 1.6 ± 0.2 | 2 ± 0.3   | 22                        | 20       | 18        |
| <b>PAS2212211</b> | 12.5 ± 1      | 12.5 ± 1 | 12.5 ± 1  | 0.7 ± 0.2           | 0.7 ± 0.2 | 0.8 ± 0.3 | 26                        | 26       | 16        |
| <b>PAS2212311</b> | 16 ± 1        | 16 ± 1   | 16 ± 1    | 0.5 ± 0.2           | 0.5 ± 0.2 | 0.6 ± 0.3 | 28                        | 26       | 26        |
| <b>PAS2212411</b> | 20 ± 1        | 20 ± 1   | 20 ± 1    | 0.5 ± 0.2           | 0.5 ± 0.2 | 0.6 ± 0.3 | 30                        | 30       | 26        |
| <b>PAS2212511</b> | 24 ± 1        | 24 ± 1   | 24 ± 1    | 0.5 ± 0.2           | 0.5 ± 0.2 | 0.6 ± 0.3 | 32                        | 32       | 28        |



Dimensions (mm): 53 x 50 x 25  
Weight: 55g

### 2 WAY TAPS - P A S 2 2 2 2 X 1 1

| Bandwidth (MHz)   | 5 - 40        | 40 - 470 | 470 - 862  | 5 - 40              | 40 - 470  | 470 - 862 | 5 - 40                    | 40 - 470 | 470 - 862 |
|-------------------|---------------|----------|------------|---------------------|-----------|-----------|---------------------------|----------|-----------|
| TYPE              | Tap loss (dB) |          |            | Insertion loss (dB) |           |           | Output-tap isolation (dB) |          |           |
| <b>PAS2222111</b> | 8.5 ± 1       | 8.5 ± 1  | 8.5 ± 1    | 3.4 ± 0.5           | 3.6 ± 0.5 | 3.8 ± 0.5 | 22                        | 20       | 16        |
| <b>PAS2222211</b> | 12.5 ± 1      | 12.5 ± 1 | 12.5 ± 1.5 | 1.2 ± 0.3           | 1.2 ± 0.3 | 1.2 ± 0.4 | 26                        | 24       | 22        |
| <b>PAS2222311</b> | 16 ± 1        | 16 ± 1   | 16 ± 1.5   | 1.2 ± 0.3           | 1.2 ± 0.3 | 1.5 ± 0.4 | 28                        | 24       | 22        |
| <b>PAS2222411</b> | 20 ± 1        | 20 ± 1   | 20 ± 1.5   | 0.5 ± 0.2           | 0.5 ± 0.2 | 0.6 ± 0.3 | 30                        | 28       | 26        |
| <b>PAS2222511</b> | 24 ± 1        | 24 ± 1   | 24 ± 1.5   | 0.5 ± 0.2           | 0.5 ± 0.2 | 0.6 ± 0.3 | 30                        | 30       | 30        |
| <b>PAS2222611</b> | 27 ± 1        | 27 ± 1   | 27 ± 1.5   | 0.5 ± 0.2           | 0.5 ± 0.2 | 0.6 ± 0.3 | 30                        | 30       | 30        |



Dimensions (mm): 74 x 50 x 25  
Weight: 76g

### 4 WAY TAPS - P A S 2 2 4 2 X 1 1

| Bandwidth (MHz)   | 5 - 865       |           | 5 - 862             |  | 5 - 40                    | 40 - 470 | 470 - 862 |
|-------------------|---------------|-----------|---------------------|--|---------------------------|----------|-----------|
| TYPE              | Tap loss (dB) |           | Insertion loss (dB) |  | Output-tap isolation (dB) |          |           |
|                   | Tap 1 & 2     | Tap 3 & 4 |                     |  |                           |          |           |
| <b>PAS2242211</b> | 12 ± 1        | 13 ± 1    | 4.5 ± 1             |  | 26                        | 26       | 22        |
| <b>PAS2242311</b> | 16 ± 1        | 17 ± 1    | 2.5 ± 1             |  | 26                        | 26       | 22        |
| <b>PAS2242411</b> | 20 ± 1        | 21 ± 1    | 2.5 ± 1             |  | 30                        | 30       | 26        |
| <b>PAS2242511</b> | 24 ± 1        | 25 ± 1    | 2.5 ± 1             |  | 30                        | 30       | 28        |



Dimensions (mm): 86 x 60 x 37

### 4, 6 & 8 WAY TAPS - P A S 2 2 X 2 8 1 1

| Bandwidth<br>(MHz)             |               | 5 - 40     | 40 - 470   | 470 - 862  | 5 - 862                | 5 - 40                       | 40 - 470 | 470 - 862 |
|--------------------------------|---------------|------------|------------|------------|------------------------|------------------------------|----------|-----------|
| TYPE                           | Tap loss (dB) |            |            |            | Insertion<br>loss (dB) | Output-tap isolation<br>(dB) |          |           |
| <b>PAS2242811</b><br>4 Channel | Tap 1         | 12.5 ± 1   | 12.5 ± 1   | 12.5 ± 1   | 4 ± 1                  | 27                           | 26       | 24        |
|                                | Tap 2         | 13.5 ± 1.5 | 13.5 ± 1.5 | 13.5 ± 1.5 |                        |                              |          |           |
|                                | Tap 3         | 14.5 ± 1.5 | 14.5 ± 1.5 | 14.5 ± 1.5 |                        |                              |          |           |
|                                | Tap 4         | 15.5 ± 1.5 | 15.5 ± 1.5 | 15.5 ± 1.5 |                        |                              |          |           |
| <b>PAS2262811</b><br>6 Channel | Tap 5         | 17 ± 1.5   | 17 ± 1     | 17 ± 1     | 6 ± 1                  | 27                           | 26       | 24        |
|                                | Tap 6         | 13.5 ± 1.5 | 13.5 ± 1.5 | 13.5 ± 1.5 |                        |                              |          |           |
| <b>PAS2282811</b><br>8 Channel | Tap 7         | 19 ± 1.5   | 19 ± 1     | 19 ± 1     | 8 ± 1                  | 27                           | 26       | 24        |
|                                | Tap 8         | 19.5 ± 1.5 | 19.5 ± 1.5 | 19.5 ± 1.5 |                        |                              |          |           |



Dimensions (mm): 126 x 60 x 37  
Weight: 260g

# Distribution components 5-1000 MHz

## 2, 3, 4 AND 8 WAY SPLITTERS - PAS12X6023

| Bandwidth<br>MHz            | 5<br>40             | 15<br>65 | 66<br>750 | 751<br>1000 | 5<br>40                      | 15<br>65 | 66<br>750 | 751<br>1000 | Dimensions<br>(mm) | Weight<br>(g) |
|-----------------------------|---------------------|----------|-----------|-------------|------------------------------|----------|-----------|-------------|--------------------|---------------|
| Type                        | Insertion loss (dB) |          |           |             | Output-output isolation (dB) |          |           |             |                    |               |
| <b>PAS1226023</b> 2 outputs | 3.3                 | 3.3      | 3.4       | 3.8         | 34                           | 51       | 35        | 30          | 60x49x16           | 40            |
| <b>PAS1236023</b> 3 outputs |                     |          |           |             |                              |          |           |             | 60x49x16           | 44            |
| - outputs 1                 | 3,3                 | 3,3      | 3,5       | 4           | 22                           | 30       | 23        | 21          |                    |               |
| - outputs 2 and 3           | 6.7                 | 6.6      | 6.9       | 7.9         | 22                           | 30       | 23        | 21          |                    |               |
| <b>PAS1246023</b> 4 outputs | 6,7                 | 6,6      | 6,9       | 7,9         | 34                           | 48       | 36        | 33          | 79x49x16           | 58            |
| <b>PAS1286023</b> 8 outputs | 10.4                | 9.9      | 10.2      | 11.6        | 37                           | 47       | 29        | 23          | 138x50x16          | 131           |



High screening efficiency RFI > 130dB  
Class A in accordance with EN 50083-2

## 1 WAY TAPS - PAS2216XX3

| Bandwidth<br>MHz  | 5<br>1000     | 5<br>47             | 48<br>450 | 451<br>750 | 751<br>1000 | 5<br>47                   | 48<br>450 | 451<br>750 | 751<br>1000 |
|-------------------|---------------|---------------------|-----------|------------|-------------|---------------------------|-----------|------------|-------------|
| Type              | Tap loss (dB) | Insertion loss (dB) |           |            |             | Output-tap isolation (dB) |           |            |             |
| <b>PAS2216053</b> | 5 +/-1        | 2.4                 | 2.8       | 3.2        | 3.6         | 20                        | 19        | 18         | 18          |
| <b>PAS2216083</b> | 8.5 +/-1      | 1.2                 | 1.6       | 1.6        | 1.8         | 28                        | 22        | 19         | 18          |
| <b>PAS2216113</b> | 11 +/-1       | 0.9                 | 1.3       | 1.3        | 1.7         | 24                        | 18        | 18         | 18          |
| <b>PAS2216143</b> | 14 +/-1       | 0.9                 | 1.0       | 1.0        | 1.5         | 26                        | 25        | 25         | 22          |
| <b>PAS2216173</b> | 17 +/-1       | 1.0                 | 1.2       | 1.2        | 1.3         | 30                        | 25        | 25         | 22          |
| <b>PAS2216203</b> | 20 +/-1       | 0.8                 | 1.0       | 1.0        | 1.2         | 35                        | 25        | 25         | 22          |
| <b>PAS2216233</b> | 23 +/-1       | 0.8                 | 0.9       | 0.9        | 1.2         | 35                        | 25        | 25         | 22          |
| <b>PAS2216263</b> | 26 +/-1       | 0.6                 | 0.8       | 0.8        | 1.1         | 35                        | 25        | 25         | 22          |
| <b>PAS2216293</b> | 29 +/-1       | 0.5                 | 1.0       | 1.0        | 1.2         | 40                        | 23        | 23         | 21          |



Dimensions (mm):  
60 x 49 x 16  
Weight (g): 40

## 2 WAY TAPS - PAS2226XX3

| Bandwidth<br>MHz  | 5<br>1000     | 5<br>47             | 48<br>450 | 451<br>750 | 751<br>1000 | 5<br>47                   | 48<br>450 | 451<br>750 | 751<br>1000 |
|-------------------|---------------|---------------------|-----------|------------|-------------|---------------------------|-----------|------------|-------------|
| Type              | Tap loss (dB) | Insertion loss (dB) |           |            |             | Output-tap isolation (dB) |           |            |             |
| <b>PAS2226083</b> | 8.5 +/-1.3    | 2.3                 | 2.6       | 3.3        | 4.1         | 30                        | 25        | 23         | 23          |
| <b>PAS2226113</b> | 11.3 +/-1.3   | 1.5                 | 1.6       | 2.1        | 2.9         | 27                        | 24        | 22         | 22          |
| <b>PAS2226143</b> | 14 +/-1.3     | 1.1                 | 1.2       | 1.5        | 2           | 33                        | 28        | 24         | 22          |
| <b>PAS2226173</b> | 17 +/-1.3     | 1.0                 | 0.9       | 1.1        | 1.5         | 35                        | 30        | 26         | 24          |
| <b>PAS2226203</b> | 20 +/-1.3     | 0.7                 | 0.6       | 0.9        | 1.2         | 35                        | 30        | 26         | 24          |
| <b>PAS2226233</b> | 23 +/-1.3     | 0.6                 | 0.5       | 0.8        | 1.2         | 38                        | 30        | 25         | 21          |
| <b>PAS2226263</b> | 26 +/-1.3     | 0.6                 | 0.5       | 0.8        | 1.2         | 41                        | 34        | 30         | 26          |
| <b>PAS2226293</b> | 29 +/-1.3     | 0.4                 | 0.5       | 0.8        | 1.3         | 45                        | 36        | 32         | 28          |



Dimensions (mm):  
78 x 46,5 x 16  
Weight (g): 49

## 4 WAY TAPS - PAS2246XX3

| Bandwidth<br>MHz  | 5<br>1000     | 5<br>47             | 48<br>450 | 451<br>750 | 751<br>1000 | 5<br>47                   | 48<br>450 | 451<br>750 | 751<br>1000 |
|-------------------|---------------|---------------------|-----------|------------|-------------|---------------------------|-----------|------------|-------------|
| Type              | Tap loss (dB) | Insertion loss (dB) |           |            |             | Output-tap isolation (dB) |           |            |             |
| <b>PAS2246113</b> | 11.5 +/-1.3   | 3.1                 | 3.0       | 3.9        | 4.9         | 28                        | 28        | 26         | 22          |
| <b>PAS2246143</b> | 15 +/-1.3     | 1.5                 | 1.7       | 2.0        | 2.5         | 29                        | 27        | 25         | 24          |
| <b>PAS2246173</b> | 17 +/-1.3     | 1.1                 | 1.2       | 1.5        | 1.9         | 33                        | 30        | 29         | 26          |
| <b>PAS2246203</b> | 20.2 +/-1.3   | 1.0                 | 0.9       | 1.1        | 1.3         | 36                        | 31        | 27         | 24          |
| <b>PAS2246233</b> | 23 +/-1.3     | 0.6                 | 0.6       | 0.9        | 1.1         | 40                        | 34        | 30         | 25          |
| <b>PAS2246263</b> | 26 +/-1.3     | 0.7                 | 0.6       | 0.8        | 1.1         | 43                        | 34        | 29         | 26          |
| <b>PAS2246293</b> | 29 +/-1.5     | 0.6                 | 0.5       | 0.8        | 1.1         | 45                        | 37        | 32         | 29          |



Dimensions (mm):  
84 x 42 x 31  
Weight (g): 109

## 8 WAY TAPS - PAS2286XX3

| Bandwidth<br>MHz  | 5<br>1000     | 5<br>47             | 48<br>450 | 451<br>750 | 751<br>1000 | 5<br>47                   | 48<br>450 | 451<br>750 | 751<br>1000 |
|-------------------|---------------|---------------------|-----------|------------|-------------|---------------------------|-----------|------------|-------------|
| Type              | Tap loss (dB) | Insertion loss (dB) |           |            |             | Output-tap isolation (dB) |           |            |             |
| <b>PAS2286143</b> | 15.5 +/-1.5   | 3.2                 | 3.5       | 4.0        | 4.5         | 28                        | 32        | 27         | 23          |
| <b>PAS2286173</b> | 17.5 +/-1.5   | 1.9                 | 2.0       | 2.3        | 2.8         | 28                        | 32        | 28         | 26          |
| <b>PAS2286203</b> | 20.5 +/-1.5   | 1.2                 | 1.4       | 1.6        | 2.2         | 28                        | 32        | 30         | 25          |
| <b>PAS2286233</b> | 23.5 +/-1.5   | 1.0                 | 1.2       | 1.2        | 1.5         | 28                        | 32        | 30         | 28          |
| <b>PAS2286263</b> | 26.5 +/-1.5   | 0.7                 | 0.9       | 1.0        | 1.3         | 34                        | 35        | 30         | 28          |
| <b>PAS2286293</b> | 29 +/-1.5     | 0.5                 | 0.8       | 1.0        | 1.2         | 40                        | 33        | 30         | 26          |



Dimensions (mm)  
115 x 53.5 x 40  
Weight (g): 220