

# Splitters and taps

## Distribution components with F connectors

### 5-2400MHz

These taps and splitters have been designed to be used in TV and Satellite distribution systems. Their compact design enable them to be installed in many locations.

The main features are: die cast metal housing, low insertion losses, high return loss and separation, F connectors, earthing screw and wall fixing.



#### SPLITTERS

▶ PA..

▶ DE1-..

▶ DE2-..

Item	Code	Splitters	Insertion loss dB						Output-output isolation dB					
			5-40 MHz	40-470 MHz	470-1000 MHz	1000-1750 MHz	1750-2050 MHz	2050-2400 MHz	5-40 MHz	40-470 MHz	470-1000 MHz	1000-1750 MHz	1750-2050 MHz	2050-2400 MHz
<b>PA2</b>	280701	2 way	< 4	< 4	< 4.5	< 5.5	< 5.5	< 6	> 22	> 22	> 20	> 20	> 20	> 23
<b>PA3</b>	280703	3 way	< 7	< 8	< 8	< 10	< 10.5	< 11	> 22	> 22	> 22	> 22	> 22	> 22
<b>PA4</b>	280702	4 way	< 7.5	< 8.5	< 9	< 11	< 11.5	< 12	> 30	> 30	> 25	> 26	> 22	> 22
<b>PA6</b>	280704	6 way	< 10.5	< 10.5	< 12	< 13.5	< 14.5	< 16	> 22	> 22	> 22	> 22	> 22	> 22
<b>PA8</b>	280705	8 way	< 12	< 12	< 13.5	< 15.5	< 16.5	< 17	> 20	> 20	> 20	> 20	> 20	> 20

#### 1 WAY TAPS

Item	Code	Insertion loss dB						Tap loss dB						Output-tap isolation dB					
		5-40 MHz	40-470 MHz	470-1000 MHz	1000-1750 MHz	1750-2050 MHz	2050-2400 MHz	5-40 MHz	40-470 MHz	470-1000 MHz	1000-1750 MHz	1750-2050 MHz	2050-2400 MHz	5-40 MHz	40-470 MHz	470-1000 MHz	1000-1750 MHz	1750-2050 MHz	2050-2400 MHz
<b>DE1-10</b>	280710	< 1.5	< 1.3	< 1.3	< 1.6	< 2	< 2	10.5	10.5	10.5	11	11	11	> 40	> 35	> 32	> 27	> 24	> 24
<b>DE1-14</b>	280711	< 1	< 0.8	< 0.8	< 1.2	< 1.3	< 1.5	14	14	14	14	14	14	> 32	> 29	> 28	> 28	> 30	> 25
<b>DE1-18</b>	280712	< 0.8	< 0.7	< 0.7	< 0.9	< 1	< 1.3	18.5	18.5	18.5	18.5	18	17.5	> 45	> 36	> 31	> 31	> 27	> 22
<b>DE1-22</b>	280713	< 0.6	< 0.6	< 0.5	< 0.8	< 1	< 1.7	22	22	22	22	22	22	> 50	> 38	> 33	> 33	> 31	> 27

#### 2 WAY TAPS

Item	Code	Insertion loss dB						Tap loss dB						Output-tap isolation dB					
		5-40 MHz	40-470 MHz	470-1000 MHz	1000-1750 MHz	1750-2050 MHz	2050-2400 MHz	5-40 MHz	40-470 MHz	470-1000 MHz	1000-1750 MHz	1750-2050 MHz	2050-2400 MHz	5-40 MHz	40-470 MHz	470-1000 MHz	1000-1750 MHz	1750-2050 MHz	2050-2400 MHz
<b>DE2-10</b>	280714	< 2.5	< 2.5	< 2.5	< 2.5	< 2.8	< 3.5	10	10	10	10	11	11.5	> 25	> 28	> 28	> 25	> 25	> 23
<b>DE2-14</b>	280715	< 1.5	< 1.5	< 1.5	< 1.8	< 2	< 2.2	14	14	14	14	14	14	> 35	> 29	> 25	> 25	> 23	> 23
<b>DE2-18</b>	280716	< 1.2	< 1.2	< 1.2	< 1.5	< 1.8	< 2	18	18	18	18	18	19	> 45	> 35	> 30	> 27	> 27	> 25
<b>DE2-22</b>	280717	< 1.2	< 1.2	< 1.1	< 1.5	< 1.8	< 2.2	22	22	22	22	22	22	> 45	> 40	> 35	> 31	> 27	> 27

**Distribution components with F connectors**

**5-2400MHz**

These taps and splitters have been designed to be used in TV and Satellite distribution systems. Their compact design enable them to be installed in many locations.

The main features are: die cast metal housing, low insertion losses, high return loss and separation, F connectors, earthing screw and wall fixings.



4 WAY TAPS

► DE4--

► DE6--

Item	Code	Insertion loss dB						Tap loss dB						Output-tap isolation dB					
		5-40 MHz	40-470 MHz	470-1000 MHz	1000-1750 MHz	1750-2050 MHz	2050-2400 MHz	5-40 MHz	40-470 MHz	470-1000 MHz	1000-1750 MHz	1750-2050 MHz	2050-2400 MHz	5-40 MHz	40-470 MHz	470-1000 MHz	1000-1750 MHz	1750-2050 MHz	2050-2400 MHz
<b>DE4-12</b>	280718	< 3.5	< 3.5	< 4.3	< 5.1	< 5.2	< 5.4	11.5	11.5	11.5	13	14	15.5	> 35	> 35	> 30	> 28	> 28	> 28
<b>DE4-14</b>	280719	< 2.5	< 2.3	< 2.5	< 3	< 3.5	< 4	14.5	14	13.5	14	14.5	15	> 32	> 32	> 35	> 30	> 27	> 30
<b>DE4-18</b>	280720	< 1.5	< 1.3	< 1.3	< 1.5	< 1.8	< 2	18	18	18	18.5	19	19	> 45	> 45	> 45	> 35	> 30	> 30
<b>DE4-22</b>	280721	< 1	< 1	< 1	< 1.2	< 1.5	< 1.5	21.5	21.5	22	22.5	23	24	> 38	> 37	> 33	> 31	> 27	> 26

6 WAY TAPS

Item	Code	Insertion loss dB						Tap loss dB						Output-tap isolation dB					
		5-40 MHz	40-470 MHz	470-1000 MHz	1000-1750 MHz	1750-2050 MHz	2050-2400 MHz	5-40 MHz	40-470 MHz	470-1000 MHz	1000-1750 MHz	1750-2050 MHz	2050-2400 MHz	5-40 MHz	40-470 MHz	470-1000 MHz	1000-1750 MHz	1750-2050 MHz	2050-2400 MHz
<b>DE6-16</b>	280722	< 4.5	< 5	< 5	< 5.5	< 5.5	< 5.5	14±1	14±1	14±1	15±1	16.5±1.5	18±1.5	> 25	> 22	> 22	> 22	> 22	> 22
<b>DE6-20</b>	280723	< 2.5	< 3	< 3	< 4	< 4.5	< 5.5	19±1	19±1	19±1	19.5±1.5	20±1.5	20±1.5	> 30	> 25	> 22	> 22	> 22	> 22
<b>DE6-25</b>	280724	< 1.5	< 1.5	< 1.5	< 2	< 2.5	< 3.5	24±1	24±1	24±1	24±1	24±1.5	24.5±2	> 30	> 30	> 22	> 22	> 22	> 22

8 WAY TAPS

Item	Code	Insertion loss dB						Tap loss dB						Output-tap isolation dB					
		5-40 MHz	40-470 MHz	470-1000 MHz	1000-1750 MHz	1750-2050 MHz	2050-2400 MHz	5-40 MHz	40-470 MHz	470-1000 MHz	1000-1750 MHz	1750-2050 MHz	2050-2400 MHz	5-40 MHz	40-470 MHz	470-1000 MHz	1000-1750 MHz	1750-2050 MHz	2050-2400 MHz
<b>DE8-16</b>	280725	< 4.5	< 5	< 5	< 5.5	< 5.5	< 5.5	14±1	15±1	15±1	16.5±1.5	18±1.5	19.5±1.5	> 30	> 25	> 25	> 25	> 25	> 25
<b>DE8-20</b>	280726	< 2.5	< 2.5	< 3.5	< 4.5	< 5	< 5.5	19±1	19±1	19±1	19±1	19±1.5	20±1.5	> 30	> 25	> 20	> 20	> 20	> 20
<b>DE8-25</b>	280727	< 1	< 1.5	< 1.5	< 2	< 2.5	< 2.5	23.5±1	23.5±1	23.5±1	24±1	24±1.5	25±3	> 30	> 30	> 25	> 20	> 20	> 20