

| <b>Anaren to Raditek Quadrature Hybrid Cross Reference</b> |     |                           |                            |                          |           |             |                     |               |             |                          |                                      |              |
|--|-----|---------------------------|----------------------------|--------------------------|-----------|-------------|---------------------|---------------|-------------|--------------------------|--------------------------------------|--------------|
|  |     | <b>Anaren Part number</b> | <b>Raditek Part number</b> | <b>Freq Coverage MHz</b> | <b>sz</b> | <b>Dims</b> | <b>Insert. Loss</b> | <b>Isol.</b>  | <b>VSWR</b> | <b>amplitude balance</b> | <b>Phase Balance<sup>o</sup> max</b> | <b>Power</b> |
|  |     |                           |                            |                          |           |             | <b>dB max</b>       | <b>dB min</b> |             | <b>dB max</b>            |                                      | <b>Watts</b> |
| 6  | 12  | 1E1304-3                  | RQH-8196D                  | 810-960                  | D         | 0.65x0.48   | 0.23                | 22            | 1.2         | ±0.20                    | 3                                    | >150         |
| 7  | 24  | 2D1304-3                  | RQH-8196D                  | 810-960                  | D         | 0.65x0.48   | 0.23                | 22            | 1.2         | ±0.20                    | 3                                    | >150         |
| 8  | 25  | 2K1305-3                  | RQH-1417D                  | 1400-1700                | D         | 0.65x0.48   | 0.23                | 20            | 1.3         | ±0.30                    | 3                                    | >100         |
| 9  | 22  | 2A1305-3                  | RQH-1725D                  | 1700-2500                | D         | 0.65x0.48   | 0.23                | 20            | 1.3         | ±0.30                    | 3                                    | >150         |
| 11   | 23  | 2A1306-3                  | RQH-1725D                  | 1700-2500                | D         | 0.65x0.48   | 0.23                | 20            | 1.3         | ±0.30                    | 3                                    | >100         |
| 13   | 1   | 1X503                     | RQH-1727X                  | 1700-2700                | X         | 0.56x0.20   | 0.2                 | 22            | 1.2         | ±0.20                    | 3                                    | >60          |
| 14   | 4   | JX503                     | RQH-1727X                  | 1700-2700                | X         | 0.56x0.20   | 0.2                 | 22            | 1.2         | ±0.20                    | 3                                    | >60          |
| 15   | 2   | 1X603                     | RQH-1727X                  | 1700-2700                | X         | 0.56x0.20   | 0.2                 | 22            | 1.2         | ±0.20                    | 3                                    | >60          |
| 16   | 3   | 1X703                     | RQH-3337X                  | 3300-3700                | X         | 0.56x0.20   | 0.2                 | 22            | 1.2         | ±0.20                    | 3                                    | >60          |
| 21   | 16  | 1W1304-3                  | RQH-8012F                  | 800-1200                 | F         | 0.56x0.20   | 0.25                | 21            | 1.3         | ±0.40                    | 3                                    | >100         |
| 19   | 11  | 1D1304-3                  | RQH-8012F                  | 800-1200                 | F         | 0.56x0.20   | 0.25                | 21            | 1.3         | ±0.40                    | 3                                    | >150         |
| 23   | 20  | 11305-3                   | RQH-1020F                  | 1000-2000                | F         | 0.56x0.20   | 0.45                | 20            | 1.3         | ±0.55                    | 3                                    | >60          |
| 25   | 13  | 1E1305-3                  | RQH-1218F                  | 1200-1850                | F         | 0.56x0.20   | 0.25                | 21            | 1.2         | ±0.50                    | 4                                    | >100         |
| 29   | 8.1 | 1A1305-3                  | RQH-1522F                  | 1500-2200                | F         | 0.56x0.20   | 0.25                | 20            | 1.2         | ±0.40                    | 3                                    | >100         |
| 33   | 7.1 | 1W1305-3                  | RQH-1725F                  | 1700-2500                | F         | 0.56x0.20   | 0.3                 | 18            | 1.3         | ±0.40                    | 3                                    | >100         |
| 34   | 7.3 | 1W1305-3                  | RQH-1725F                  | 1700-2500                | F         | 0.56x0.20   | 0.3                 | 18            | 1.3         | ±0.40                    | 3                                    | >100         |
| 39   | 15  | 1F1305-3                  | RQH-1725F                  | 1700-2500                | F         | 0.56x0.20   | 0.3                 | 18            | 1.3         | ±0.40                    | 3                                    | >100         |
| 37   | 9.1 | 1A1306-3                  | RQH-1827F                  | 1800-2700                | F         | 0.56x0.20   | 0.3                 | 18            | 1.3         | ±0.50                    | 5                                    | >60          |
| 41   | 21  | 11306-3                   | RQH-2040F                  | 2000-4000                | F         | 0.56x0.20   | 0.35                | 20            | 1.3         | ±0.55                    | 5                                    | >60          |
| 43   | 10  | 1A1307-3                  | RQH-3435F                  | 3400-3500                | F         | 0.56x0.20   | 0.3                 | 21            | 1.3         | ±0.30                    | 5                                    | >60          |
| 45   | 5   | 1M703                     | RQH-3337G                  | 3300-3700                | G         | 0.40x0.20   | 0.2                 | 23            | 1.2         | ±0.20                    | 4                                    | >30          |
| 46   | 6   | 1M803                     | RQH-4060G                  | 4000-6000                | G         | 0.40x0.20   | 0.25                | 20            | 1.2         | ±0.30                    | 5                                    | >20          |