

2 Way-90° Power Splitter/Combiner

QCV-211+

Typical Performance Data

| FREQ. (MHz) | TOTAL LOSS ¹ (dB) | | AMP. UNBAL. (dB) | ISOLATION (dB) | PHASE UNBAL. (Deg.) | FREQ. (MHz) | VSWR (:1) | | |
|----------------|---------------------------------|------|------------------------|-------------------|---------------------------|----------------|--------------|------|------|
| | S-1 | S-2 | | 1-2 | | | S | 1 | 2 |
| 125.0 | 2.89 | 3.97 | 1.08 | 24.30 | 87.38 | 125.0 | 1.11 | 1.12 | 1.16 |
| 130.0 | 2.98 | 3.87 | 0.89 | 24.13 | 87.37 | 130.0 | 1.11 | 1.12 | 1.16 |
| 135.0 | 3.06 | 3.78 | 0.72 | 23.95 | 87.36 | 135.0 | 1.11 | 1.12 | 1.17 |
| 140.0 | 3.14 | 3.71 | 0.57 | 23.72 | 87.35 | 140.0 | 1.12 | 1.13 | 1.17 |
| 145.0 | 3.21 | 3.65 | 0.44 | 23.46 | 87.36 | 145.0 | 1.12 | 1.13 | 1.18 |
| 150.0 | 3.27 | 3.60 | 0.34 | 23.20 | 87.40 | 150.0 | 1.13 | 1.14 | 1.19 |
| 155.0 | 3.32 | 3.57 | 0.25 | 22.91 | 87.45 | 155.0 | 1.14 | 1.14 | 1.20 |
| 160.0 | 3.37 | 3.55 | 0.18 | 22.63 | 87.47 | 160.0 | 1.15 | 1.15 | 1.21 |
| 165.0 | 3.40 | 3.55 | 0.14 | 22.31 | 87.52 | 165.0 | 1.16 | 1.16 | 1.23 |
| 170.0 | 3.43 | 3.56 | 0.13 | 21.96 | 87.60 | 170.0 | 1.17 | 1.16 | 1.24 |
| 175.0 | 3.44 | 3.58 | 0.14 | 21.56 | 87.72 | 175.0 | 1.19 | 1.17 | 1.26 |
| 180.0 | 3.45 | 3.62 | 0.17 | 21.12 | 87.87 | 180.0 | 1.21 | 1.19 | 1.28 |
| 185.0 | 3.44 | 3.68 | 0.24 | 20.63 | 88.06 | 185.0 | 1.23 | 1.20 | 1.30 |
| 190.0 | 3.43 | 3.76 | 0.33 | 20.10 | 88.32 | 190.0 | 1.26 | 1.22 | 1.33 |
| 195.0 | 3.41 | 3.86 | 0.45 | 19.52 | 88.64 | 195.0 | 1.28 | 1.24 | 1.36 |
| 200.0 | 3.38 | 3.99 | 0.61 | 18.90 | 89.04 | 200.0 | 1.32 | 1.26 | 1.40 |
| 205.0 | 3.35 | 4.15 | 0.80 | 18.25 | 89.56 | 205.0 | 1.35 | 1.29 | 1.44 |
| 210.0 | 3.31 | 4.34 | 1.04 | 17.57 | 90.21 | 210.0 | 1.40 | 1.32 | 1.48 |
| 215.0 | 3.26 | 4.58 | 1.32 | 16.87 | 91.04 | 215.0 | 1.45 | 1.36 | 1.54 |

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com



IF/RF MICROWAVE COMPONENTS

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