

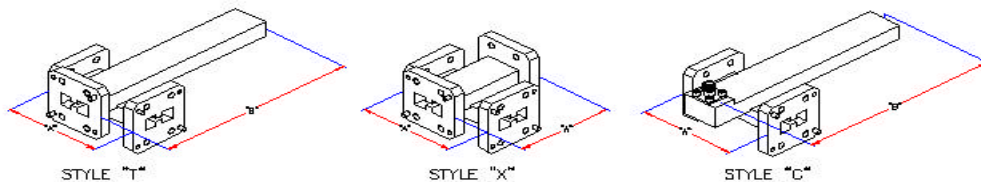


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# DOUBLE RIDGED CROSSGUIDE COUPLER SPECIFICATIONS

| TYPICAL ELECTRICAL / MECHANICAL SPECIFICATIONS |                       |                       |                       |                                |               |                             |                             |                |
|--|-----------------------|-----------------------|-----------------------|--------------------------------|---------------|-----------------------------|-----------------------------|----------------|
| EIA WRD SIZE                                   | MODEL No. (see notes) | FREQUENCY RANGE (GHz) | PRIMARY ARM VSWR Max. | COUPLING VARIATION + or - (dB) | FLANGE EQUIV. | "A" DIMENSION (Max. inches) | "B" DIMENSION (Max. inches) | STYLE "C" JACK |
| 180  | 240109                | 18.0 – 40.0           | 1.20                  | 5.0                            | Cover         | 4.0                         | 6.00                        | 2.9            |
| 650  | 240110                | 6.5 – 18.0            | 1.10                  | 5.0                            | Cover         | 4.0                         | 8.00                        | SMA            |
| 750  | 240111                | 7.5 – 18.0            | 1.10                  | 4.0                            | Cover         | 4.0                         | 8.00                        | SMA            |
| 580  | 240112                | 5.8 – 16.0            | 1.10                  | 4.0                            | Cover         | 4.0                         | 8.00                        | SMA            |
| 475  | 240113                | 4.75 – 11.0           | 1.10                  | 3.5                            | Cover         | 5.00                        | 9.00                        | SMA            |
| 350  | 240114                | 3.5 – 8.2             | 1.10                  | 3.5                            | Cover         | 6.00                        | 12.00                       | N              |
| 200  | 240115                | 2.0 – 4.8             | 1.10                  | 3.5                            | Cover         | 10.00                       | 16.00                       | N              |



**Notes:**

1. Standard couplings available are 30, 40, 50, and 60. Others values available on special order. Specify by adding coupling and style desired as a suffix to the part number. Example: 240109 -30.
2. Coaxial secondary outputs are also available. Contact the factory or our local Manufacturer's Representative for details.
3. Nominal directivity is 12 dB.
4. Material is 6061/6063 Aluminum.