

## ATP-xx-WBM-LP-NF-CC

Tapper | N Female

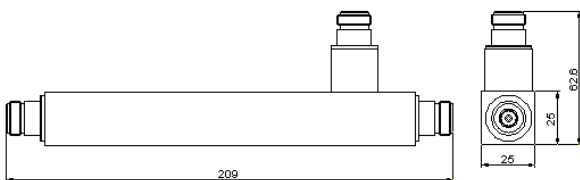
### Features

- Operates in 698-2700 MHz frequency range
- Low PIM value
- Minimal RF insertion loss
- High reliability
- RoHS compliant

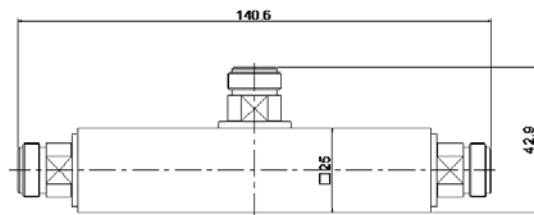


| Ordering Options              |               |                     |                     |                     |                     |
|-------------------------------|---------------|---------------------|---------------------|---------------------|---------------------|
| Model Number (xx)             |               | ATP-06-WBM-LP-NF-CC | ATP-07-WBM-LP-NF-CC | ATP-08-WBM-LP-NF-CC | ATP-10-WBM-LP-NF-CC |
|                               |               |                     |                     |                     |                     |
| Electrical Characteristics    |               |                     |                     |                     |                     |
| Frequency Range               |               | 698-2700 MHz        | 698-2700 MHz        | 698-2700 MHz        | 698-2700 MHz        |
| VSWR                          |               | ≤ 1.35              | ≤ 1.25              | ≤ 1.25              | ≤ 1.25              |
| Power Handling                | Average       | 500 W               | 500 W               | 500 W               | 500 W               |
|                               | Peak          | 1.5 kW              | 3 kW                | 3 kW                | 3 kW                |
| IM3 (2x20W)                   |               | ≤ -153 dBc          | ≤ -153 dBc          | ≤ -153 dBc          | ≤ -153 dBc          |
| Impedance                     |               | 50Ω                 | 50Ω                 | 50Ω                 | 50Ω                 |
| Insertion Loss (Main Line)    |               | -1.26 ± 0.4 dB      | < 0.1 dB            | < 0.1 dB            | < 0.1 dB            |
| Coupling                      |               | 6 dB ± 0.7          | 7 dB ± 0.8 dB       | 8 dB ± 1.0 dB       | 10dB ± 1.0 dB       |
| Coupling Tolerance            | 350-380 MHz   | ---                 | +0 / -1.3           | +0 / -1.3           | +0 / -1.3           |
|                               | 380-520 MHz   | ---                 | +0.3 / -0.5         | +0.3 / -0.5         | +0.3 / -0.5         |
|                               | 698-960 MHz   | ---                 | ±0.3                | ±0.3                | ±0.3                |
|                               | 1710-2700 MHz | ---                 | ±0.3                | ±0.3                | ±0.3                |
| Mechanical Characteristics    |               |                     |                     |                     |                     |
| Connector                     |               | N-Type Female       |                     |                     |                     |
| Environmental Characteristics |               |                     |                     |                     |                     |
| Operating Temperature         |               | -35° C to +70° C    | -35° C to +75° C    | -35° C to +75° C    | -35° C to +75° C    |
| Application                   |               | Indoor / Outdoor    |                     |                     |                     |
| Protection Class              |               | IP65                | IP67                | IP67                | IP67                |
| Dimensions                    |               |                     |                     |                     |                     |

ATP-06-WBM-LP-NF-CC



ATP-07-WBM-LP-NF-CC, ATP-08-WBM-LP-NF-CC, & ATP-10-WBM-LP-NF-CC



Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.