



Microlab Duplexers & Multi-Duplexers Matrix

EMEA Wireless Solutions for DAS Applications
Ultra-wide Band and Low PIM Options
Rev C

| Model | Port #1 | Port #2 | Port #3 | Port #4 | Power (W) | Conn. Type | Outdoor | Guaranteed PIM (dBc) | TETRA 380-395 | 800 791-862 | GSM-R 876-925 | GSM 880-960 | DCS 1710-1880 | UMTS 1920-2170 | LTE 2500-2690 | WiFi 2.4 GHz 2400-2485 | WiMAX 3300-3600 | WiFi 5 GHz 5150-5725 |
|------------------------|-----------|------------------------|-----------|-----------|-------------|------------|---------|----------------------|---------------|-------------|---------------|-------------|---------------|----------------|---------------|------------------------|-----------------|----------------------|
| Multi-Duplexers | | | | | | | | | | | | | | | | | | |
| BK-10N | 698-960 | 1710-2170 | -- | -- | 20 | N | No | -140 | -- | X | X | X | X | X | -- | -- | -- | -- |
| BK-10NP | 698-960 | 1710-2170 | -- | -- | 20 | N | Yes | -140 | -- | X | X | X | X | X | -- | -- | -- | -- |
| BK-12D | 80-960 | 1710-2700 | -- | -- | 80/40 | 7/16 | No | -150 | X | X | X | X | X | X | X | X | -- | -- |
| BK-12DP | 80-960 | 1710-2700 | -- | -- | 80/40 | 7/16 | Yes | -150 | X | X | X | X | X | X | X | X | -- | -- |
| BK-12N | 80-960 | 1710-2700 | -- | -- | 80/40 | N | No | -150 | X | X | X | X | X | X | X | X | -- | -- |
| BK-12NP | 80-960 | 1710-2700 | -- | -- | 80/40 | N | Yes | -150 | X | X | X | X | X | X | X | X | -- | -- |
| BK-20D | 698-960 | 1710-2170 | -- | -- | 250 | 7/16 | No | -150 | -- | X | X | X | X | X | -- | -- | -- | -- |
| BK-20DP | 698-960 | 1710-2170 | -- | -- | 250 | 7/16 | Yes | -150 | -- | X | X | X | X | X | -- | -- | -- | -- |
| BK-20N | 698-960 | 1710-2170 | -- | -- | 250 | N | No | -150 | -- | X | X | X | X | X | -- | -- | -- | -- |
| BK-20NP | 698-960 | 1710-2170 | -- | -- | 250 | N | Yes | -150 | -- | X | X | X | X | X | -- | -- | -- | -- |
| BK-21D | 80-2170 | 2400-2500 | -- | -- | 150/8 | 7/16 | No | -140 | X | X | X | X | X | X | -- | X | -- | -- |
| BK-21DP | 80-2170 | 2400-2500 | -- | -- | 150/8 | 7/16 | Yes | -140 | X | X | X | X | X | X | -- | X | -- | -- |
| BK-21N | 80-2170 | 2400-2500 | -- | -- | 150/8 | N | No | -140 | X | X | X | X | X | X | -- | X | -- | -- |
| BK-21NP | 80-2170 | 2400-2500 | -- | -- | 150/8 | N | Yes | -140 | X | X | X | X | X | X | -- | X | -- | -- |
| BK-24D | 80-520 | 698-2700 | -- | -- | 50/120 | 7/16 | No | -150 | X | X | X | X | X | X | -- | -- | -- | -- |
| BK-24DP | 80-520 | 698-2700 | -- | -- | 50/120 | 7/16 | Yes | -150 | X | X | X | X | X | X | -- | -- | -- | -- |
| BK-24N | 80-520 | 698-2700 | -- | -- | 50/120 | N | No | -150 | X | X | X | X | X | X | -- | -- | -- | -- |
| BK-24NP | 80-520 | 698-2700 | -- | -- | 50/120 | N | Yes | -150 | X | X | X | X | X | X | -- | -- | -- | -- |
| BK-25D | 1710-1880 | 1920-2170 | -- | -- | 250 | 7/16 | Yes | -140 | -- | -- | -- | -- | X | X | -- | -- | -- | -- |
| BK-26N | 80-2690 | 3300-5850 | -- | -- | 50/5 | N | No | -150 | X | X | X | X | X | X | -- | X | X | X |
| BK-31D | 790-960 | 1710-1880 | 1920-2170 | -- | 240/240/150 | 7/16 | Yes | -155 | -- | x | x | x | x | x | -- | -- | -- | -- |
| BK-38N | 380-2170 | 2400-2690 | 3300-5825 | -- | 40/10/10 | N | No | -150 | X | X | X | X | X | X | X | X | X | X |
| BK-41D | 698-960 | 1710-2170 | 2300-2690 | -- | 100 | 7/16 | Yes | -153 | -- | x | x | x | x | x | -- | x | -- | -- |
| BK-51D | 698-960 | 2400-2700 | -- | -- | 250 | 7/16 | No | -150 | -- | X | X | X | -- | -- | X | X | -- | -- |
| BK-51N | 698-960 | 2400-2700 | -- | -- | 250 | N | No | -150 | -- | X | X | X | -- | -- | X | X | -- | -- |
| BK-52D | 1710-2170 | 2490-2690 | -- | -- | 250 | 7/16 | No | -150 | -- | -- | -- | -- | X | X | X | -- | -- | -- |
| BK-52N | 1710-2170 | 2490-2690 | -- | -- | 250 | N | No | -150 | -- | -- | -- | -- | X | X | X | -- | -- | -- |
| BK-55D | 790-862 | 890-960 | -- | -- | 250 | 7/16 | Yes | -155 | -- | x | -- | x | -- | -- | -- | -- | -- | -- |
| BK-62N | 80-2170 | 2400-2500 4900-5850 | -- | -- | 50/10 | N | No | -150 | X | X | X | X | X | X | -- | X | -- | X |
| BK-67N | 80-2170 | 2490-2690 | -- | -- | 150/5 | N | No | -140 | X | X | X | X | X | X | X | -- | -- | -- |
| BK-68D | 80-2170 | 2400-2690 | -- | -- | 80 | 7/16 | No | -140 | X | X | X | X | X | X | X | X | -- | -- |
| BK-68DP | 80-2170 | 2400-2690 | -- | -- | 80 | 7/16 | Yes | -140 | X | X | X | X | X | X | X | X | -- | -- |
| BK-68N | 80-2170 | 2400-2690 | -- | -- | 80 | N | No | -140 | X | X | X | X | X | X | X | X | -- | -- |
| BK-68NP | 80-2170 | 2400-2690 | -- | -- | 80 | N | Yes | -140 | X | X | X | X | X | X | X | X | -- | -- |
| BK-81N | 80-2170 | 2400-2500 | -- | -- | 150 | N | Yes | -140 | X | X | X | X | X | X | -- | X | -- | -- |
| BK-92D | 380-960 | 1710-1880 | 1920-2200 | 2500-2690 | 700/300/200 | 7/16 | Yes | -160 | x | x | x | x | x | x | x | -- | -- | -- |
| BK-94D | 790-960 | 1710-1880 | 1920-2170 | 2500-2690 | 50 | 7/16 | Yes | -150 | -- | x | x | x | x | x | x | -- | -- | -- |
| BK-98D | 790-862 | 880-960 | 1710-2170 | 2500-2690 | 250 | 7/16 | Yes | -160 | -- | x | -- | x | x | -- | x | -- | -- | -- |
| Duplexers | | | | | | | | | | | | | | | | | | |
| BL-27N | 880-915 | 925-960 | -- | -- | 50 | N | No | --- | -- | -- | -- | X | -- | -- | -- | -- | -- | -- |
| BL-28N | 2500-2570 | 2620-2690 | -- | -- | 50 | N | No | --- | -- | -- | -- | -- | -- | X | -- | -- | -- | -- |
| BL-36N | 1920-1980 | 2110-2170 | -- | -- | 40 | N | No | -153 | -- | -- | -- | -- | -- | X | -- | -- | -- | -- |
| BL-36D | 1920-1980 | 2110-2170 | -- | -- | 40 | 7/16 | No | -153 | -- | -- | -- | -- | -- | X | -- | -- | -- | -- |

*To verify the performance of each product please refer to the individual product datasheet