# ONE END EXTERNAL DUPLEXER FAMILY

**BDA-DPX**

**Product Features**

- Low Insertion Loss
- High rejection between bands
- NEMA4 cabinet
- N female connectors
- Single Dual band duplexer
- UHF multi window duplexer
- 3-year warranty
- Country of Origin: USA

| SINGLE BAND DUPLEXER | Band / Sub Band | Filter Designator | Filter BW MHz | Insetion loss typ (dB) | Guardband minimum (MHz) |
|---|---|---|---|---|---|
| One Window duplexer | VHF | 20 | 2 | 6,5 | 3 |
| | | 35 | 3,5 | 6,5 | 1,5 |
| | UHF 450-470MHz | 20 | 2 | 6 | 3 |
| | | 40 | 4 | 6 | 1 |
| | UHF 470-512MHz | 07 | 0,7 | 6 | 2,3 |
| | | 15 | 1,5 | 6 | 1,5 |
| | | 20 | 2 | 6 | 1 |
| Dual Window Duplexer | UHF 450-470MHz | 0740 | 0.7 & 4 | 8 | Same than One Window Filter |
| | | 2020 | 2 & 2 | 8 | Same than One Window Filter |
| | | 2040 | 2 & 4 | 8 | Same than One Window Filter |
| | | MDA | Fixed Freq: 453-453/458-459 & 460-462/465-467 | 6,5 | Same than One Window Filter |
| | UHF 470-512MHz | 0707 | 0.7 & 0.7 | 8 | Same than One Window Filter |
| | | 0715 | 0.7 & 1.5 | 8 | Same than One Window Filter |
| | | 0720 | 0.7 & 2.0 | 8 | Same than One Window Filter |
| | | 1515 | 1.5 &1.5 | 8 | Same than One Window Filter |
| | | RWC | Fixed Freq: 483.4-484.5/486.4-487.5 & 488.5-489/491.5-492 | 6,5 | Same than One Window Filter |
| | 1 xUHF 450-470MHz & 1 xUHF 470-512MHz | 2007 | 2.0 & 0.7 | 8 | Same than One Window Filter |
| | | 2015 | 2.0 & 1.5 | 8 | Same than One Window Filter |
| | | 2020 | 2.0 & 2.0 | 8 | Same than One Window Filter |
| Triple Window | 1 xUHF 450-470MHz & 2 xUHF 470-512MHz | 200707 | 2.0 & 0.7 & 0.7 | 10 | Same than One Window Filter |

DOC HON-62065.01 • 01152021 • DMC

Honeywell

# ONE END EXTERNAL DUPLEXER FAMILY

**BDA-DPX**

**DUAL BAND**

| VHF WINDOW | UHF WINDOWS | UHF Band / Sub Band | Filter Designator | UHF Filter BW | Insertion loss per Band |
|---|---|---|---|---|---|
| One Window duplexer 2.0MHz BW | One Window duplexer | UHF 450-470MHz | 2020 | 2 | 9 |
| | | | 2040 | 2 | 9 |
| | | UHF 470-512MHz | 2007 | 2 | 9 |
| | | | 2015 | 2 | 9 |
| | | | 2020 | 2 | 9 |
| | Dual Window Duplexer | UHF 450-470MHz | 200740 | 0.7 & 4 | 10 |
| | | | 202020 | 2 & 2 | 10 |
| | | | 202040 | 2 & 4 | 10 |
| | | UHF 470-512MHz | 200707 | 0.7 & 0.7 | 10.2 |
| | | | 200715 | 0.7 & 1.5 | 10.2 |
| | | | 200720 | 0.7 & 2.0 | 10.2 |
| | | | 201515 | 1.5 &1.5 | 10.2 |
| | | | 20RWC | Fixed Freq: 483.4-484.5/486.4-487.5 & 488.5-489/491.5-492 | 9 |
| | | 1 xUHF 450-470MHz & 1 xUHF 470-512MHz | 202007 | 2.0 & 0.7 | 10 |
| | | | 202015 | 2.0 & 1.5 | 10 |
| | | | 202020 | 2.0 & 2.0 | 10 |
| | Triple Window | 1 xUHF 450-470MHz & 2 xUHF 470-512MHz | 20200707 | 2.0 & 0.7 & 0.7 | 12 |
| One Window duplexer 3.5MHz BW | One Window duplexer | UHF 450-470MHz | 3520 | 2 | 9 |
| | | | 3540 | 2 | 9 |
| | | UHF 470-512MHz | 3507 | 2 | 9 |
| | | | 3515 | 2 | 9 |
| | | | 3520 | 2 | 9 |
| | Dual Window Duplexer | UHF 450-470MHz | 350740 | 0.7 & 4 | 10 |
| | | | 352020 | 2 & 2 | 10 |
| | | | 352540 | 2 & 4 | 10 |
| | | UHF 470-512MHz | 350707 | 0.7 & 0.7 | 10.2 |
| | | | 350715 | 0.7 & 1.5 | 10.2 |
| | | | 350720 | 0.7 & 2.0 | 10.2 |
| | | | 351515 | 1.5 &1.5 | 10.2 |
| | | | 35RWC | Fixed Freq: 483.4-484.5/486.4-487.5 & 488.5-489/491.5-492 | 9 |
| | | 1 xUHF 450-470MHz & 1 xUHF 470-512MHz | 352007 | 2.0 & 0.7 | 10 |
| | | | 352015 | 2.0 & 1.5 | 10 |
| | | | 352020 | 2.0 & 2.0 | 10 |
| | Triple Window | 1 xUHF 450-470MHz & 2 xUHF 470-512MHz | 35200707 | 2.0 & 0.7 & 0.7 | 12 |

DOC HON-62065.01 • 01152021 • DMC

Honeywell

# ONE END EXTERNAL DUPLEXER FAMILY

**BDA-DPX**

| BDA-DPX- [BAND] | - [FILTERING VHF] | [FILTERING UHF] | - B |
|---|---|---|---|
| **V:** 136-174 | **ND**: NO DUPLEX | **ND**: NO DUPLEX | |
| **U:** 450-470 | **20**: 2MHz BW | **20:** 2.0MHz BW - Band U 450-470MHz | |
| **T:** 470-512 | **35**: 3MHz BW | **40:** 4.0MHz BW - Band U 450-470MHz | |
| **UT:** 450-512 | | **07:** 0.7MHz BW - Band T 470-512MHz | |
| **VU:** 136-174+450-470 | | **15:** 1.5MHz BW - Band T 470-512MHz | |
| **VT:** 136-174+470-512 | | **20:** 2.0MHz BW - Band T 470-512MHz | |
| **VUT:** 136-174+450-512 | | **MDA:** 453-454/458-459 & 460-462/465-467MHz | |
| | | **0740:** Dual sub band 0.7 and 4.0MHz BW each - Band U 450-470MHz | |
| | | **2020:** Dual sub band 2.0MHz BW each - Band U 450-470MHz | |
| | | **2040:** Dual sub band 2.0MHz BW and 4.0MHz - Band U 450-470MHz | |
| | | **RWC:** 483.4-484.5/486.4-487.5 & 488.5-489/491.5-492 MHz | |
| | | **0707:** Dual sub band 0.7MHz BW each - Band T 470-512MHz | |
| | | **0715:** Dual sub band 0.7 and 1.5MHz BW each - Band T 470-512MHz | |
| | | **0720:** Dual sub band 0.7 and 2.0MHz BW each - Band T 470-512MHz | |
| | | **1515:** Dual sub band 1.5MHz BW each - Band T 470-512MHz | |
| | | **2007:** Dual sub band 2.0MHz BW in Band U 450-470MHz and 0.7MHz BW in Band T 470-512MHz | |
| | | **2015:** Dual sub band 2.0MHz BW in Band U 450-470MHz and 1.5MHz BW in Band T 470-512MHz | |
| | | **2020:** Dual sub band 2.0MHz BW in Band U 450-470MHz and 2.0MHz BW in Band T 470-512MHz | |
| | | **200707:** Triple sub band, 2.0MHz BW in Band U 450-470MHz and two sub bands 0.7MHz BW in Band T 470-512MHz | |

DOC HON-62065.01 • 01152021 • DMC

**Honeywell Business Solutions**
715 Peachtree Street NE
Atlanta, GA 30308
www.honeywell.com

HON-62065.01 • 01152021
©2020 by Honeywell International Inc. All rights reserved.
Unauthorized use of this document is strictly prohibited.
This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.
Country of origin: U.S.A.

THE FUTURE IS WHAT WE MAKE IT

Honeywell