

- ◆ Inject Band28 in to multi-band DAS networks
- ◆ 40 dB Input Isolation
- ◆ 10 W per port
- ◆ Guaranteed Low PIM
- ◆ Minimal RF Insertion Loss
- ◆ 4.3-10 Connectors
- ◆ IP67 Rated
- ◆ RoHS compliant

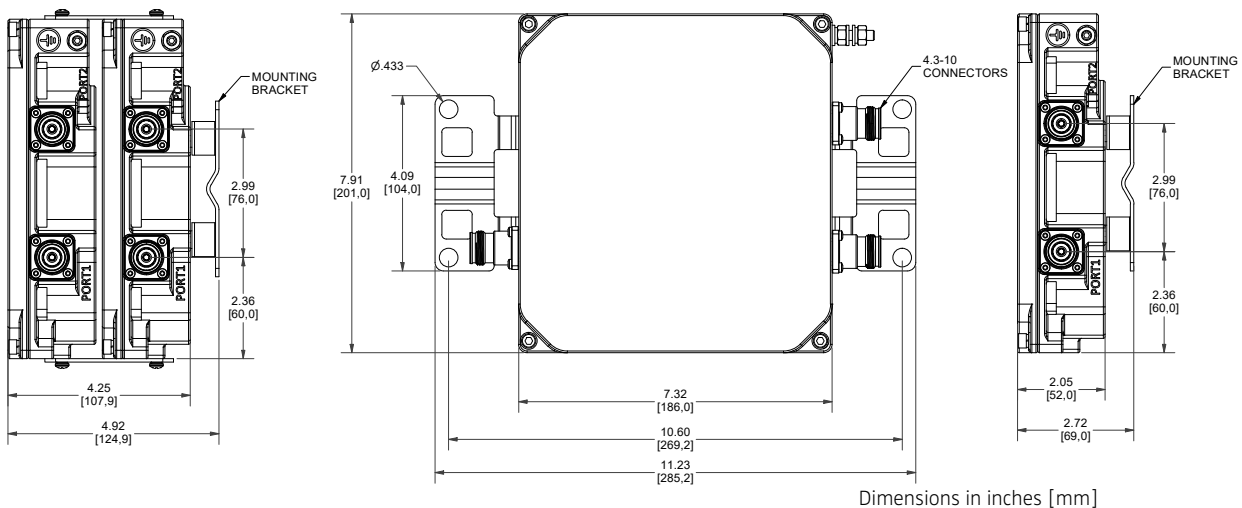


Model No.	Type	Weight lbs (kg)	Dimensions inches [mm]
BK-2028E	Single	5.8 (2.63)	7.91 x 7.32 x 2.05 [201 x 186 x 52]
BK-2028EW	Dual	11.7(5.31)	7.91 X 7.32 X 4.25 [201 x 186 x 107.9]

Microlab BK-2028E is a diplexer that allows combinations and separation of the signals in 698-803 MHz and 824-960 MHz, 1695-2200 MHz & 2500-2700 MHz wireless bands. With the new diplexer, achieve better band combining or Band 28 injection in distributed antenna system(DAS) with multi-band radios. The inputs are well isolated and have minimal insertion loss over their respective frequency bands to minimize band inter-action. Dual mounted configuration for 2x2 MIMO applications is available as BK-2028EW

Frequency Bands:	
Port 1:	698-803 MHz
Port 2:	824-960 MHz
	1695-2200 MHz
	2500-2700 MHz
PIM:	<-155 dBc (-118 dBm)
	(Test with 2x 1900MHz +37dBm tones @ Ambient)
Return Loss:	16 dB min.
Isolation:	44dB typ., 40 dB min.
Insertion Loss:	0.5 dB max.
Group Delay:	40ns
DC Pass:	3A max., All Ports
Power:	10 W avg., 200 W pk.
Impedance:	50 Ω nom.
Environment:	-25° to +65°C, IP67
Lightening Protection:	±10 kA, 10/350 μs
Connectors:	4.3-10 (f), Flanged
Protection Ground:	M6 screw
Housing Finish:	Grey Powder Coating

BK-2028E/EW Outline



Note: Specifications are subject to change without prior notification.

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