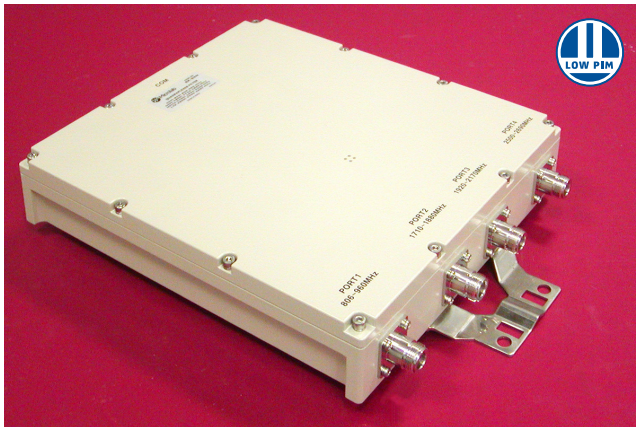
GSM/UMTS/LTE Quadraplexer, BK-94N

For combining cellular with GSM-1800, UMTS & LTE-2600
790-960/1710-1880/1920-2170/2500-2690 MHz
Rev. C

$ Saver Product Line

- Combines LTE-2600, UMTS-2100, GSM-1800 to 790-960 MHz services
- 50 dB Input Isolation
- High Power Design
- Minimal RF Insertion Loss
- Rugged, High Reliability
- Low Passive IM., PIM
- Low Cost, RoHS compliant Design
- N connectors

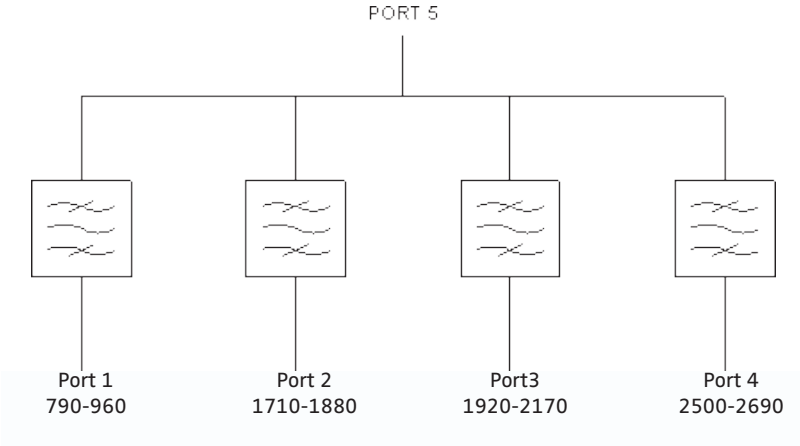


	Model/Connector N (f)
GSM/UMTS/LTE Quadraplexer	**BK-94N**

The BK-94 Quadraplexer has been designed using passive, proprietary techniques to ensure minimal loss and very high reliability. It allows efficient combining or division of the standard cellular bands for use in a coaxial distributed in-building cellular network or DAS.

If DC pass through is required, as might be required in a base station application, then model BK-92 should be used. The BK-92 also expands coverage down to 380 MHz into input one, as might be required for applications that include Tetra services. For higher power and 7-16 DIN connectors, see Microlab Model BK-94D.

Frequency Bands:		
Input 1:	850/900 Bands:	790 - 960 MHz
Input 2:	GSM/LTE-1800:	1710 - 1880 MHz
Input 3:	UMTS-2100:	1920 - 2170 MHz
Input 4:	LTE-2600:	2500 - 2690 MHz
Input Return Loss:	>18 dB, all inputs	
Interband Isolation:	>50 dB	
Insertion Loss:	<0.3 dB all paths	
Power:	50W/input max.	
Impedance:	50Ω nominal	
Intermod. (PIM):	<-150 dBc (IM_3 with 2 x +43dBm)	
Environment:	-40° - +60°C, IP66	
Housing:	Grey Color Epoxy Coating	
Mounting:	Bracket included, see outline	
Weight, nom:	9.4 lbs (4.3 kg)	



Note: Specifications are subject to change without prior notification.

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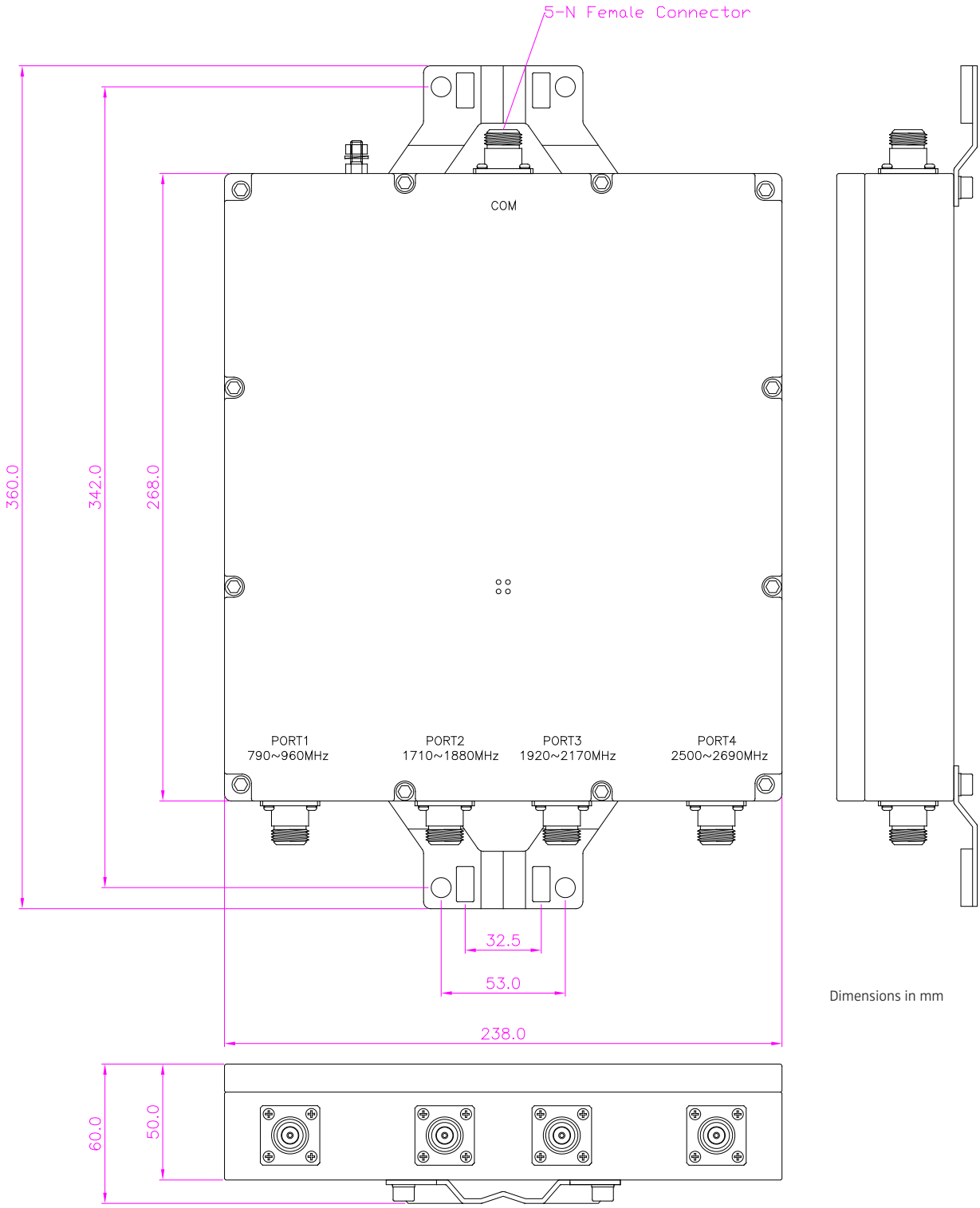
Outline BK-94N



Dimensions in mm