

\$ 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 or 7-16 mm connectors



	Model/Connector	
	N (f)	7-16 (f)
GSM/UMTS/LTE Quadraplexer	BK-94N	BK-94D*
		*Future Product

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. (05/13)

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

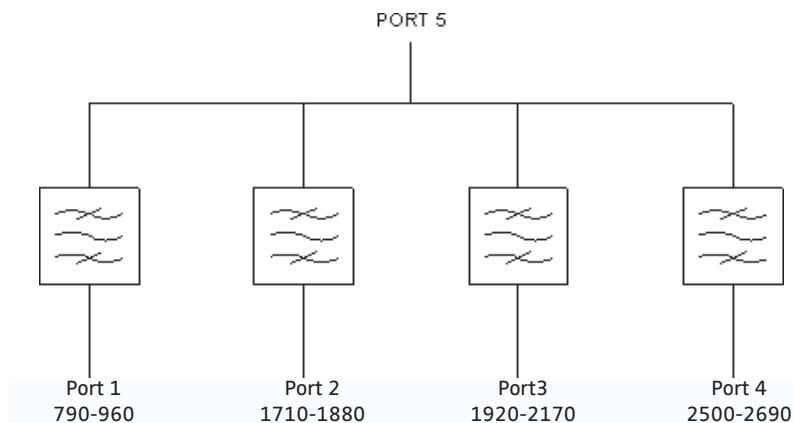
Intermod. (PIM): <-150 dBc (IM₃ with 2 x +43dBm)

Environment: -40° - +60°C, IP66

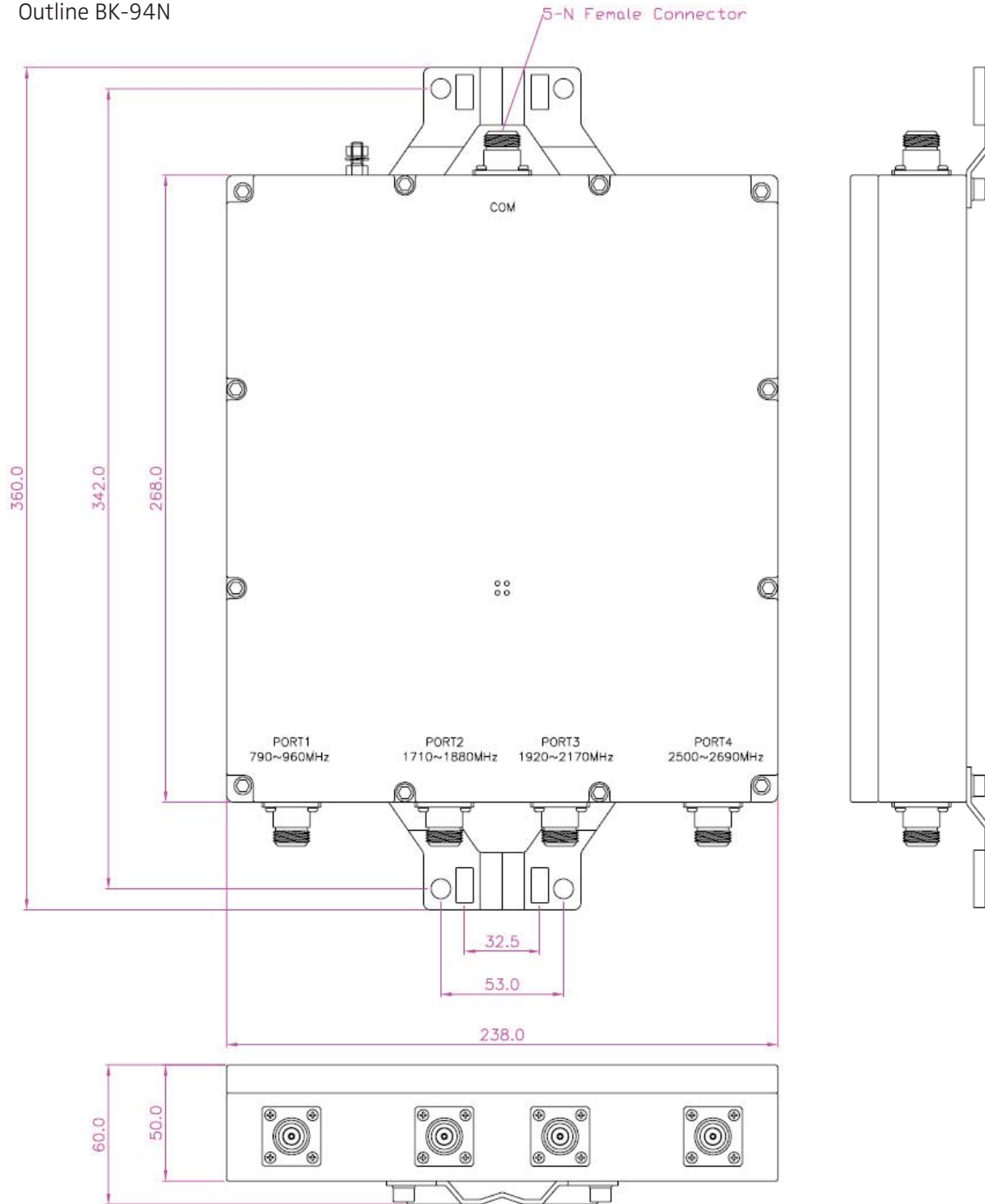
Housing: Grey Color Epoxy Coating

Mounting: Bracket included, see outline

Weight, nom: 9.4 lbs (4.3 kg)



Outline BK-94N



Outline BK-94D - To be updated

