

Cavity Filters High Frequency, Broadband — ED Series

◆ Features:

- High “Q” Design Allows Small Package Size While Offering Low Loss
- Covers the 1 GHz to 18 GHz Frequency Range
- 3 dB BW Available from 5-50% (f_0)
- Designs that Cover up to 40 GHz Also Available



◆ Specifications:

Model	Frequency (GHz)	3 dB % BW	VSWR	Passband Return	Impedance (Ohms)	No. of Sections
ED50	1-3	5-50%	1.5:1	$\geq 2.1 \times f_0$	50	3-15
ED40	3-5	5-50%	1.5:1			
ED30	5-7	5-50%	1.7:1			
ED20	7-10	5-50%	1.7:1			
ED10	10-18	5-50%	1.7:1			

◆ Mechanical:

The mechanical dimensions and mounting hole locations are dependent upon the design parameters specified by the customer. Contact K&L Microwave for details.

◆ To Order:

7 ED 50 — 2500 / E 500 - 0 / 0
 1 2 3 4 5 6 7 8

Code	Description
1	Number of Sections
2	Series (Interdigital)
3	Package Designation
4	Center Frequency (MHz)
5	Supplemental Codes (See Page 13)
6	Bandwidth (MHz)
7	Input Connector
8	Output Connector

◆ Connectors:

Connector	Code
SMA Female	O
SMA Male	OP
N Female	N
N Male	NP
TNC Female	T
TNC Male	TP
RF Pins	P
Removable SMA	RO
Blind Mate	OB



Filtering Solutions for Your Global Market

USA
 Phone: 410-749-2424
 FAX: 410-749-5725
 Email: sales@klmicrowave.com

EUROPE
 Phone: +44-(0)-1908-547920
 FAX: +44-(0)-1908-695284
 Email: sales@kleurope.com

Order On-Line @ www.klmicrowave.com