

Datasheet
Description

The FEK-03 calibration kit provides accurate calibration of the Vector Network Analyzer (VNA) in WR-03 band. It is compatible with TRL and SOLT calibration techniques.


Features

- Ensures accurate and repeatable measurements
- Contains characterisation data for the kit components in a suitable format for the VNA

Applications

- Millimeter wave S-parameter measurements that require system error correction

Specification	Unit	Min	Typ	Max
Operating Frequency Range	GHz	220		325
Frequency Band		J		
Waveguide Designation		WR-03, WG-32		
Flange Type		UG387/U-M-PF (Precision style)		
Cut Off Frequency	GHz	173.43 GHz		
Fixed Load VSWR		< 1.08:1		
Flush Short Flatness	mm	< 0.006		
Operating Temperature Range	°C	+20		+30

Content	Q-ty
Fixed Termination	1 off
Sliding Termination	1 off
Flush Short	1 off
$\frac{3}{4}$ Lambda Offset – Band 1	1 off
$\frac{3}{4}$ Lambda Offset – Band 1	1 off
K – Section Offset	1 off
$\frac{1}{4}$ Lambda + K Section Offset	1 off
Accessories	
Torque Hex Driver 5/64" A/F	1 off
Hex Driver – 1/8" A/F	1 off
Flange Screws -Short	8 off
Flange Screw - Long	8 off
Alignment Pins	8 off
USB Flash Memory	1 off

Note :

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Farran Technology reserves the right to change, without notice, the characteristic data and other specifications applied to this product. The product may be subject to Irish export restrictions.