



Features

- Models from 12 to 140 GHz
- Modular design for delays from 10 ns up
- Specify delay, physical length or equivalent length in air
- Lower insertion loss and better stability than coaxial delay lines
- Custom waveguide channels to minimise insertion loss
- Choice of materials depending on application



Model 26481-7293

Flann delay lines can be used for a range of purposes including testing and emulation of radar systems and radio links, signal processing and 5G networks.

Use of a delay line to emulate a radar or radio network means system tests can be performed indoors and without the need for an antenna range.

Each delay line will be custom-designed for optimal performance by our RF Engineers

Example. model 26481-14216

Design Frequency:	77 GHz
Waveguide size:	WG26, WR12
Delay:	100.1 ns \pm 0.3 ns
Electrical Length: (equivalent delay to 30m transit in air)	30 meters \pm 75 mm
Physical Length of waveguide channel:	25.509 meters
VSWR (max):	1.2:1
Insertion Loss (dB, max):	45
Dimensions (mm):	463 x 315 x 48
Waveguide channel:	Silver-plated aluminium

FLANN MICROWAVE LTD.

Dunmere Road
Bodmin
Cornwall
UK, PL31 2QL

GET IN TOUCH

Tel: +44 (0)1208 77777
sales@flann.com
www.flann.com