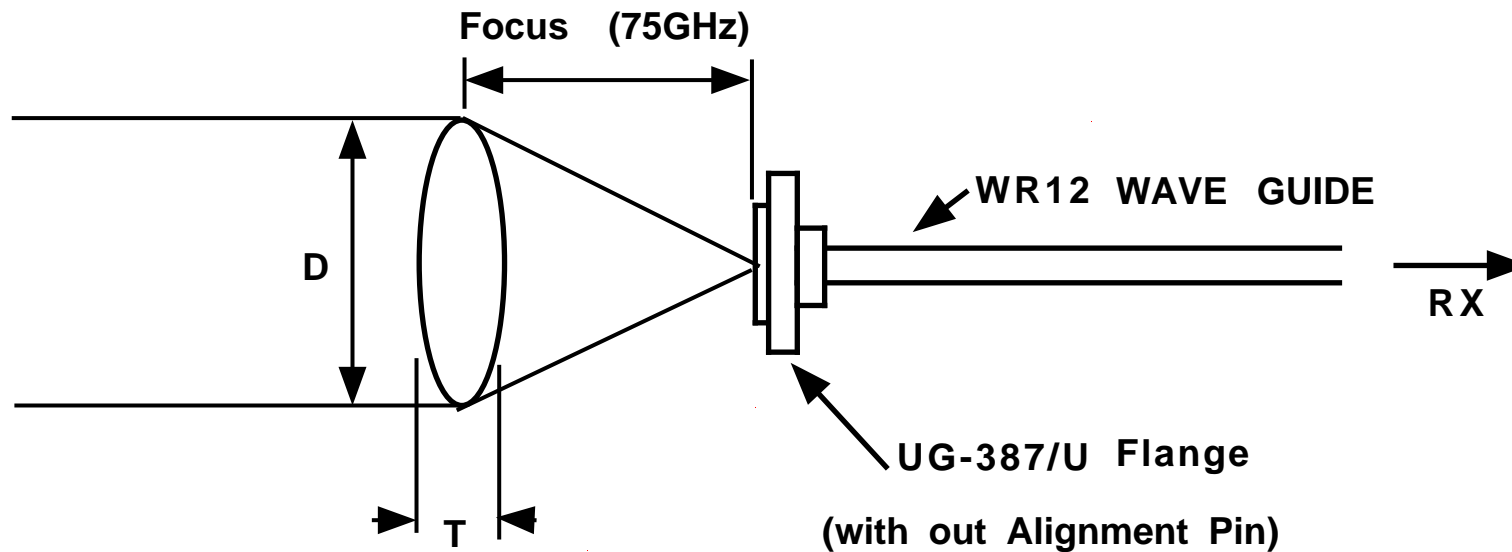


The 75GHz antenna which used an Optical lens

07 / Apl / 2000

JA1ATI



Material	Diameter(D)	Thickness(T)	Optical focus	Focus (75GHz)	Gain	Efficiency
Acrylic *1	25mm	6mm	60mm	20mm	21dBi	0.25
TEFLON	75mm	28mm	—	70mm	30dBi	0.35

*1: -3dB Beam width : 9.5Deg
Sidelobe, : less than -17dB