

1. Record Nr.	UNINA9910872750003321
Titolo	1996 2nd High Frequency Postgraduate Student Colloquium
Pubbl/distr/stampa	[Place of publication not identified], : IEEE, 1996
Descrizione fisica	1 online resource (500 pages)
Disciplina	621.38485
Soggetti	Doppler radar
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Sommario/riassunto	<p>This paper presents a design method for dielectric waveguide phase shifters. Phase shifting is achieved by varying the distance between a dielectric waveguide and an arbitrary piece of dielectric. Experimental results are given and are shown to be in good comparison with the theory. It is shown that phase shifters with very low loss can be realised if the dielectric is small in comparison to the waveguide. Furthermore, the losses are less than existing metallic wall phase shifters.</p>