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Titolo	VHF/UHF filters and multicouplers [[electronic resource]] : applications of air resonators / / Bernard Piette
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ISBN	1-118-55824-3 1-118-62067-4 1-299-31546-1 1-118-62061-5
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Descrizione fisica	1 online resource (309 p.)
Collana	ISTE
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Soggetti	Radio filters Directional couplers
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	English translation of: Multicoupleurs et filtres VHF/UHF, France : Lavoisier, 2007.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Calling to mind and generalities -- HF measurements -- Resonant cavities -- Manufacturing and tuning of cavities -- The bandpass filter -- The combine filter -- Channel multiplexing -- Auxiliary devices -- Directional couplers -- Helical resonators -- Multicouplers -- Utilities -- Miscellaneous.
Sommario/riassunto	This book describes the various devices used in radio communication and broadcasting to achieve high selectivity filtering and coupling. After providing a background in the basics of microwave theory and more detailed material - including a special chapter on precision and errors in measurement - the reader will find detailed descriptions, manufacturing processes, and, for the most useful instances, a number of worked-through formulas, which will allow engineers and technicians to design circuits or components for filtering or coupling applications. Content is covered in this format across a b