

1. Record Nr.	UNINA9911004739103321
Autore	Awan Shakil
Titolo	Coaxial electrical circuits for interference-free measurements / / Shakil Awan, Bryan Kibble and Jurgen Schurr
Pubbl/distr/stampa	Herts, U.K., : Institution of Engineering and Technology, 2011
ISBN	1-61344-314-5 1-283-25339-9 9786613253392 1-84919-070-4
Descrizione fisica	1 online resource (351 p.)
Collana	Electrical measurement series ; ; 13
Altri autori (Persone)	KibbleBryan SchurrJurgen
Disciplina	621.37 621.3742
Soggetti	Electrical engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; List of figures; Abstract; Preface; Acknowledgements; 1: Introduction; 2: Sources, detectors, cables and connectors; 3: The concept of a low-frequency coaxial network; 4: Impedance measurement; 5: General principles of accurate impedance measurement; 6: Impedance standards; 7: Transformers; 8: General considerations about impedance comparison networks; 9: Bridges to measure impedance ratios; 10: Application of interference-free circuitry to other measurements; Appendix 1; Appendix 2; Appendix 3; Appendix 4; Index
Sommario/riassunto	Describing the measurement and application of sensitive electrical circuits.