



**International
Standard**

ISO 9211-2

**Optics and photonics — Optical
coatings —**

**Part 2:
Optical properties**

*Optique et photonique — Traitements optiques —
Partie 2: Propriétés optiques*

**Third edition
2024-02**



COPYRIGHT PROTECTED DOCUMENT

© ISO 2024

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Optical properties to be specified	1
5 Measurement conditions	2
6 Numerical specification and graphical representation of spectral characteristics	2
6.1 General.....	2
6.2 Rules for the numerical specification of spectral characteristics.....	2
6.3 Rules for the graphical representation of spectral characteristics.....	3
6.4 Graphical representation of principal optical functions.....	4
6.4.1 General.....	4
6.4.2 Reflecting function (RE).....	4
6.4.3 Antireflecting function (AR).....	5
6.4.4 Beam splitting function (BS).....	6
6.4.5 Attenuating function (AT).....	7
6.4.6 Filtering function (FI).....	8
6.4.7 Selecting or combining function (SC).....	10
6.4.8 Polarizing function (PO).....	12
6.4.9 Phase changing function (PC).....	13
6.4.10 Absorbing function (AB).....	14
Annex A (normative) Supplementary terms and definitions for filtering and selecting functions	16