

# XML-Structure

**"Root-Element: b2bOpticLensCatalog"**





<b>header</b>	
<b>type</b>	<a href="#">B2BCatalogHeader</a>
<b>occurs</b>	1
<b>description</b>	describes the kind and global definitions of the catalog
<b>countryGroups</b>	
<b>type</b>	<a href="#">B2BCatalogCountryGroups</a>
<b>occurs</b>	1
<b>description</b>	groups countries that are treated the same; these groups are references at different places
<b>lenses</b>	
<b>type</b>	<a href="#">B2BCatalogLenses</a>
<b>occurs</b>	1
<b>description</b>	list of all lenses
<b>lensGroupNames</b>	
<b>type</b>	<a href="#">B2BCatalogLensGroups</a>
<b>occurs</b>	0..1
<b>description</b>	groups of lenses for user interface; the grouping have no impact on anything else like combination or properties; the members references at the lens to a group by id.  Ids are linked to Id in <i>Element groupId</i> In complexType <a href="#">B2BCatalogLens</a>
<b>lensMaterialProperties</b>	
<b>type</b>	<a href="#">B2BCatalogLensMaterialProperties</a>
<b>occurs</b>	1
<b>description</b>	specifies a lens material; it is referenced at a lens by id
<b>lensFocalGroups</b>	
<b>type</b>	<a href="#">B2BCatalogLensFocalGroups</a>
<b>occurs</b>	1
<b>description</b>	specifies a focal type with a individual name; more than one focal group can have the same focaltype; these groups are referenced at a lens by id
<b>lensRanges</b>	
<b>type</b>	<a href="#">B2BCatalogLensRanges</a>
<b>occurs</b>	0..1
<b>description</b>	specifies a range for lenses; these ranges are referenced at a lens by id
<b>lensGeos</b>	
<b>type</b>	<a href="#">B2BCatalogLensGeos</a>
<b>occurs</b>	0..1
<b>description</b>	specifies a geometry description for lenses; these geometries are referenced at a lens by id
<b>lensBaseCurves</b>	
<b>type</b>	<a href="#">B2BCatalogLensBaseCurves</a>
<b>occurs</b>	0..1
<b>description</b>	specifies valid base curves for lenses; these base curves are referenced at a lens by id
<b>lensPriceGroups</b>	
<b>type</b>	<a href="#">B2BCatalogLensPriceGroups</a>
<b>occurs</b>	0..1
<b>description</b>	the prices for lenses; these groups are referenced at a lens by id
<b>options</b>	

<b>type</b>	<a href="#">B2BCatalogOptions</a>
<b>occurs</b>	0..1
<b>description</b>	list of all options
<b>optionGroupNames</b>	
<b>type</b>	<a href="#">B2BCatalogOptionGroups</a>
<b>occurs</b>	0..1
<b>description</b>	groups of options for user interface; the grouping have no impact on anything else like combination or properties; the members references at the option to a group by id
<b>optionPriceGroups</b>	
<b>type</b>	<a href="#">B2BCatalogOptionPriceGroups</a>
<b>occurs</b>	0..1
<b>description</b>	the prices for options; these groups are referenced at an option by id
<b>combinationNodes</b>	
<b>type</b>	<a href="#">B2BCatalogCombinationNodes</a>
<b>occurs</b>	0..1
<b>description</b>	specifies the nodes of a combination tree; they specify which combination of options are valid
<b>combinationTrees</b>	
<b>type</b>	<a href="#">B2BCatalogCombinationTrees</a>
<b>occurs</b>	0..1
<b>description</b>	specifies trees of combinations that consists of nodes
<b>orderOptionGlobalRules</b>	
<b>type</b>	<a href="#">B2BCatalogOrderOptionRuleIds</a>
<b>occurs</b>	0..1
<b>description</b>	specifies global rules of orderOptions
<b>orderOptionGroups</b>	
<b>type</b>	<a href="#">B2BCatalogOrderOptionGroups</a>
<b>occurs</b>	0..1
<b>description</b>	specifies groups of orderOptions
<b>orderOptionRules</b>	
<b>type</b>	<a href="#">B2BCatalogOrderOptionRules</a>
<b>occurs</b>	0..1
<b>description</b>	specifies rules of orderOptions
<b>orderOptionRanges</b>	
<b>type</b>	<a href="#">B2BCatalogOrderOptionRanges</a>
<b>occurs</b>	0..1
<b>description</b>	specifies value ranges of orderOptions
<b>orderOptionNames</b>	
<b>type</b>	<a href="#">B2BCatalogOrderOptionNames</a>
<b>occurs</b>	0..1
<b>description</b>	specifies individual names for an order parameter
<b>informations</b>	
<b>type</b>	<a href="#">B2BCatalogInformations</a>
<b>occurs</b>	0..1
<b>description</b>	information entries like text, pictures or urls for additional description; they are referenced at different places by id

<b>internal</b>	
<b>type</b>	xs:anyType
<b>occurs</b>	0..1
<b>description</b>	place for internal extension; elements below internal are not part of the format and should not be used in official catalogs and inter-company use

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  <xs:complexType>
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```

From:

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Permanent link:

<https://wiki.b2boptic.com/en:lenscatalog:version070200:structure>

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