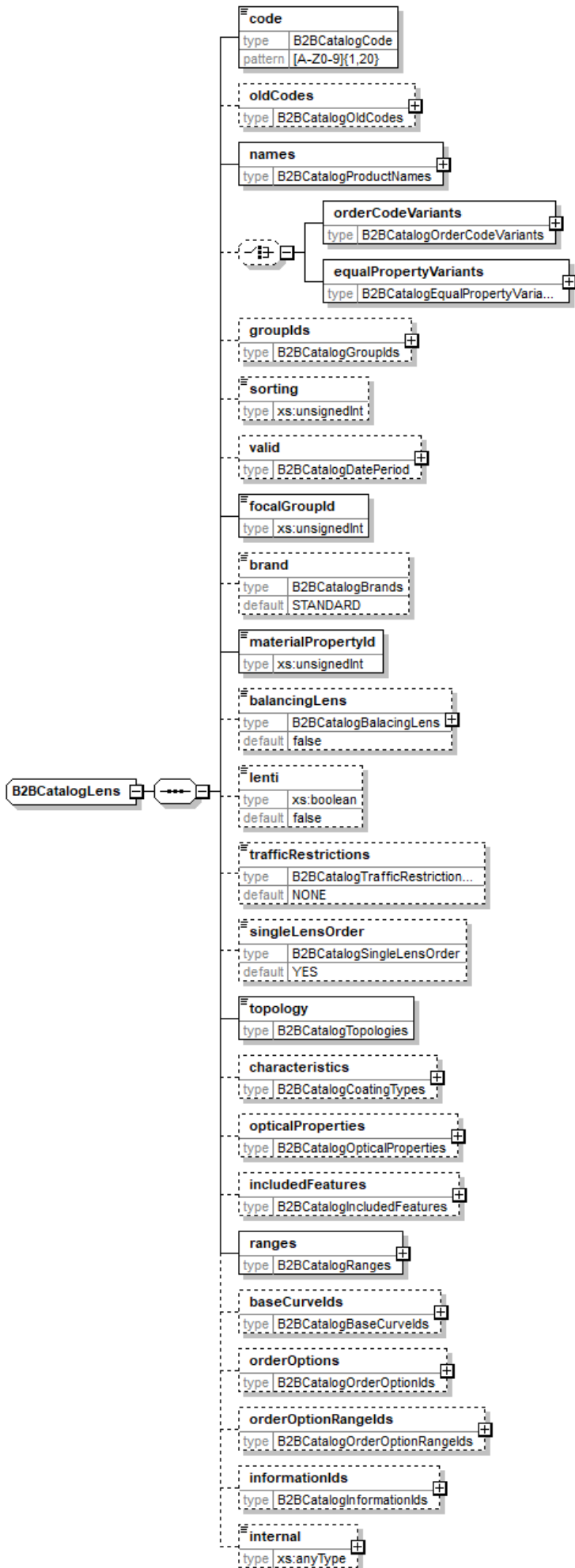


# B2BCatalogLens

[b2bOpticLensCatalog](#)→lenses



|                              |                                                                                                                                      |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>code</b>                  |                                                                                                                                      |
| <b>type</b>                  | <a href="#">B2BCatalogCode</a>                                                                                                       |
| <b>pattern</b>               | [A-Z0-9]{1,20}                                                                                                                       |
| <b>occurs</b>                | 1                                                                                                                                    |
| <b>description</b>           | product code of the lens, for ordering in b2bOpticLensOrder commercialCode; the lens code needs to be unique in the entire catalog   |
| <b>oldCodes</b>              |                                                                                                                                      |
| <b>type</b>                  | <a href="#">B2BCatalogOldCodes</a>                                                                                                   |
| <b>occurs</b>                | 0..1                                                                                                                                 |
| <b>description</b>           | listing of previous product codes which no longer exists                                                                             |
| <b>names</b>                 |                                                                                                                                      |
| <b>type</b>                  | <a href="#">B2BCatalogProductNames</a>                                                                                               |
| <b>occurs</b>                | 1                                                                                                                                    |
| <b>description</b>           | specifies individual product names for the lens                                                                                      |
| <b>orderCodeVariants</b>     |                                                                                                                                      |
| <b>type</b>                  | <a href="#">B2BCatalogOrderCodeVariants</a>                                                                                          |
| <b>occurs</b>                | 1                                                                                                                                    |
| <b>description</b>           | Different ordercode with different options                                                                                           |
| <b>equalPropertyVariants</b> |                                                                                                                                      |
| <b>type</b>                  | <a href="#">B2BCatalogEqualPropertyVariants</a>                                                                                      |
| <b>occurs</b>                | 1                                                                                                                                    |
| <b>description</b>           | Different ordercode with equal properties                                                                                            |
| <b>groupIds</b>              |                                                                                                                                      |
| <b>type</b>                  | <a href="#">B2BCatalogGroupIds</a>                                                                                                   |
| <b>occurs</b>                | 0..1                                                                                                                                 |
| <b>description</b>           | the Ids to the lensgroups: <a href="#">B2BCatalogLensGroup</a>                                                                       |
| <b>sorting</b>               |                                                                                                                                      |
| <b>type</b>                  | xs:unsignedInt                                                                                                                       |
| <b>occurs</b>                | 0..1                                                                                                                                 |
| <b>description</b>           | ascending number sorting acc. to manufacturer's instructions                                                                         |
| <b>valid</b>                 |                                                                                                                                      |
| <b>type</b>                  | <a href="#">B2BCatalogDatePeriod</a>                                                                                                 |
| <b>occurs</b>                | 0..1                                                                                                                                 |
| <b>description</b>           | the validation timespan were this lens is available and valid; if start and/or end is not set, the valid date of the catalog is used |
| <b>focalGroupId</b>          |                                                                                                                                      |
| <b>type</b>                  | xs:unsignedInt                                                                                                                       |
| <b>occurs</b>                | 1                                                                                                                                    |
| <b>description</b>           | the Ids to the focalGroups: <a href="#">B2BCatalogLensFocalGroups</a>                                                                |
| <b>brand</b>                 |                                                                                                                                      |
| <b>type</b>                  | <a href="#">B2BCatalogBrands</a>                                                                                                     |
| <b>occurs</b>                | 0..1                                                                                                                                 |
| <b>default</b>               | STANDARD                                                                                                                             |
| <b>description</b>           | product brand                                                                                                                        |
| <b>materialPropertyId</b>    |                                                                                                                                      |
| <b>type</b>                  | xs:unsignedInt                                                                                                                       |

|                            |                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------|
| <b>occurs</b>              | 1                                                                                 |
| <b>description</b>         | id to specify a lens material in <a href="#">B2BCatalogLensmaterialProperties</a> |
| <b>balancingLens</b>       |                                                                                   |
| <b>type</b>                | <a href="#">B2BCatalogBalacingLens</a>                                            |
| <b>occurs</b>              | 0..1                                                                              |
| <b>default</b>             | false                                                                             |
| <b>description</b>         | true for available as balancing lens                                              |
| <b>lenti</b>               |                                                                                   |
| <b>type</b>                | xs:boolean                                                                        |
| <b>occurs</b>              | 0..1                                                                              |
| <b>defaultl</b>            | false                                                                             |
| <b>description</b>         | true for Lenticular lens                                                          |
| <b>trafficRestrictions</b> |                                                                                   |
| <b>type</b>                | <a href="#">B2BCatalogTrafficRestrictionTypes</a>                                 |
| <b>occurs</b>              | 0..1                                                                              |
| <b>default</b>             | NONE                                                                              |
| <b>description</b>         | traffic restrictions                                                              |
| <b>singleLensOrder</b>     |                                                                                   |
| <b>type</b>                | <a href="#">B2BCatalogSingleLensOrder</a>                                         |
| <b>occurs</b>              | 0..1                                                                              |
| <b>default</b>             | YES                                                                               |
| <b>description</b>         | regulate a single lens order                                                      |
| <b>topology</b>            |                                                                                   |
| <b>type</b>                | <a href="#">B2BCatalogTopologies</a>                                              |
| <b>occurs</b>              | 1                                                                                 |
| <b>description</b>         | shows the topology of the lens                                                    |
| <b>characteristics</b>     |                                                                                   |
| <b>type</b>                | <a href="#">B2BCatalogCoatingTypes</a>                                            |
| <b>occurs</b>              | 0..1                                                                              |
| <b>description</b>         | shows the coating characteristics of the lens                                     |
| <b>opticalProperties</b>   |                                                                                   |
| <b>type</b>                | <a href="#">B2BCatalogOpticalProperties</a>                                       |
| <b>occurs</b>              | 0..1                                                                              |
| <b>description</b>         | shows the optical properties of the lens                                          |
| <b>includedFeatures</b>    |                                                                                   |
| <b>type</b>                | <a href="#">B2BCatalogIncludedFeatures</a>                                        |
| <b>occurs</b>              | 0..1                                                                              |
| <b>description</b>         | shows the included features of the lens                                           |
| <b>ranges</b>              |                                                                                   |
| <b>type</b>                | <a href="#">B2BCatalogRanges</a>                                                  |
| <b>occurs</b>              | 1                                                                                 |
| <b>description</b>         | all possible power ranges of the lens                                             |
| <b>baseCurveIds</b>        |                                                                                   |
| <b>type</b>                | <a href="#">B2BCatalogBaseCurveIds</a>                                            |
| <b>occurs</b>              | 0..1                                                                              |
| <b>description</b>         | the Ids to the base curves of the lens <a href="#">B2BCatalogLensBaseCurves</a>   |

|                            |                                                                                           |
|----------------------------|-------------------------------------------------------------------------------------------|
| <b>orderOptions</b>        |                                                                                           |
| <b>type</b>                | <a href="#">B2BCatalogOrderOptionIds</a>                                                  |
| <b>occurs</b>              | 0..1                                                                                      |
| <b>description</b>         | the Ids to the orderOptionGroups of the lens: <a href="#">B2BCatalogOrderOptionGroups</a> |
| <b>orderOptionRangelds</b> |                                                                                           |
| <b>type</b>                | <a href="#">B2BCatalogOrderOptionRangelds</a>                                             |
| <b>occurs</b>              | 0..1                                                                                      |
| <b>description</b>         | the Ids to the orderOptionRange of the lens: <a href="#">B2BCatalogOrderOptionRanges</a>  |
| <b>informationIds</b>      |                                                                                           |
| <b>type</b>                | <a href="#">B2BCatalogInformationIds</a>                                                  |
| <b>occurs</b>              | 0..1                                                                                      |
| <b>description</b>         | the Ids to the information entries of the lens: <a href="#">B2BCatalogInformations</a>    |
| <b>internal</b>            |                                                                                           |
| <b>type</b>                | xs:anyType                                                                                |
| <b>occurs</b>              | 0..1                                                                                      |
| <b>description</b>         | section for internal tests                                                                |

```

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  <xs:sequence>
    <xs:element name="code" type="B2BCatalogCode"/>
    <xs:element minOccurs="0" name="oldCodes" type="B2BCatalogOldCodes"/>
    <xs:element name="names" type="B2BCatalogProductNames"/>
    <xs:choice minOccurs="0">
      <xs:element name="orderCodeVariants"
type="B2BCatalogOrderCodeVariants"/>
      <xs:element name="equalPropertyVariants"
type="B2BCatalogEqualPropertyVariants"/>
    </xs:choice>
    <xs:element minOccurs="0" name="groupIds" type="B2BCatalogGroupIds"/>
    <xs:element minOccurs="0" name="sorting" type="xs:unsignedInt"/>
    <xs:element minOccurs="0" name="valid" type="B2BCatalogDatePeriod"/>
    <xs:element name="focalGroupId" type="xs:unsignedInt"/>
    <xs:element default="STANDARD" minOccurs="0" name="brand"
type="B2BCatalogBrands"/>
    <xs:element name="materialPropertyId" type="xs:unsignedInt"/>
    <xs:element default="false" minOccurs="0" name="balancingLens"
type="B2BCatalogBalacingLens"/>
    <xs:element default="false" minOccurs="0" name="lenti"
type="xs:boolean"/>
    <xs:element default="NONE" minOccurs="0" name="trafficRestrictions"
type="B2BCatalogTrafficRestrictionTypes"/>
    <xs:element default="YES" minOccurs="0" name="singleLensOrder"
type="B2BCatalogSingleLensOrder"/>
    <xs:element name="topology" type="B2BCatalogTopologies"/>
    <xs:element minOccurs="0" name="characteristics"
type="B2BCatalogCoatingTypes"/>
    <xs:element minOccurs="0" name="opticalProperties"
type="B2BCatalogOpticalProperties"/>
    <xs:element minOccurs="0" name="includedFeatures"

```

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type="B2BCatalogIncludedFeatures"/>
  <xs:element name="ranges" type="B2BCatalogRanges"/>
  <xs:element minOccurs="0" name="baseCurveIds"
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  <xs:element name="orderOptions" type="B2BCatalogOrderOptionIds"
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  <xs:element minOccurs="0" name="orderOptionRangeIds"
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  <xs:element minOccurs="0" name="internal" type="xs:anyType"/>
</xs:sequence>
</xs:complexType>
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