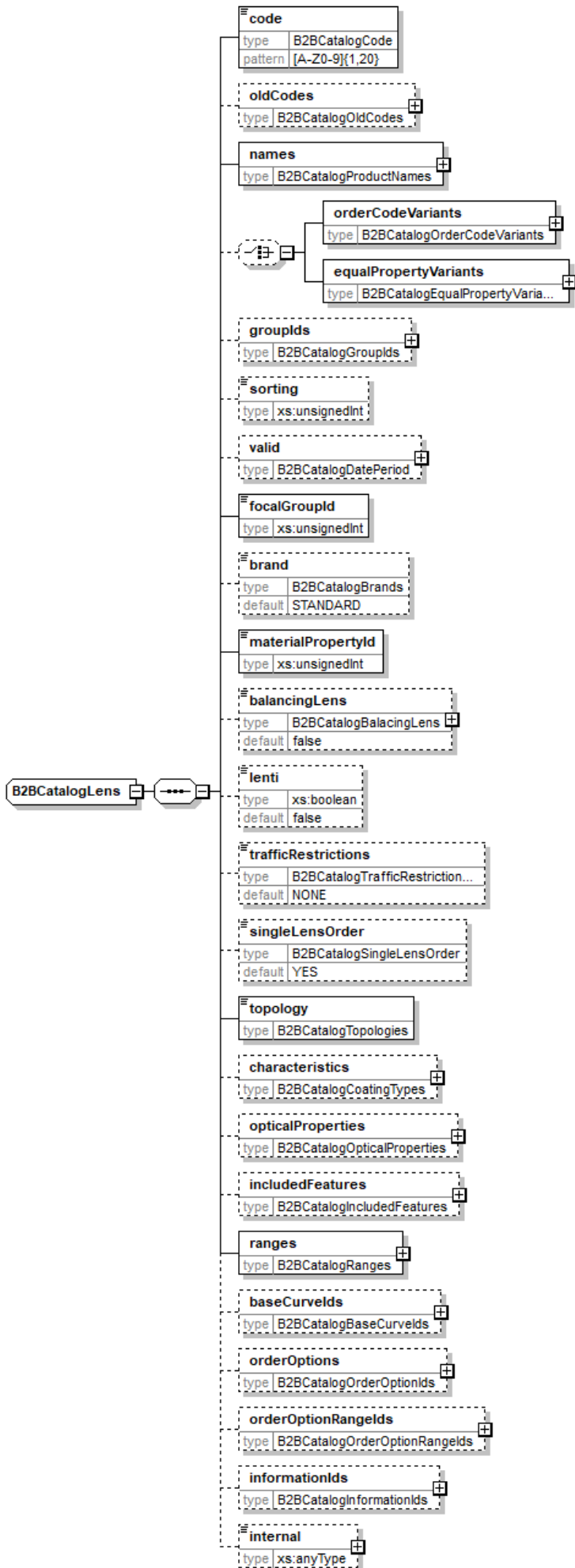


B2BCatalogLens

[b2bOpticLensCatalog](#)→lenses



code	
type	B2BCatalogCode
pattern	[A-Z0-9]{1,20}
occurs	1
description	product code of the lens, for ordering in b2bOpticLensOrder commercialCode; the lens code needs to be unique in the entire catalog
oldCodes	
type	B2BCatalogOldCodes
occurs	0..1
description	listing of previous product codes which no longer exists
names	
type	B2BCatalogProductNames
occurs	1
description	specifies individual product names for the lens
orderCodeVariants	
type	B2BCatalogOrderCodeVariants
occurs	1
description	Different ordercode with different options
equalPropertyVariants	
type	B2BCatalogEqualPropertyVariants
occurs	1
description	Different ordercode with equal properties
groupIds	
type	B2BCatalogGroupIds
occurs	0..1
description	the Ids to the lensgroups: B2BCatalogLensGroup
sorting	
type	xs:unsignedInt
occurs	0..1
description	ascending number sorting acc. to manufacturer's instructions
valid	
type	B2BCatalogDatePeriod
occurs	0..1
description	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
focalGroupId	
type	xs:unsignedInt
occurs	1
description	the Ids to the focalGroups: B2BCatalogLensFocalGroups
brand	
type	B2BCatalogBrands
occurs	0..1
default	STANDARD
description	product brand
materialPropertyId	
type	xs:unsignedInt

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

orderOptions	
type	B2BCatalogOrderOptionIds
occurs	0..1
description	the Ids to the orderOptionGroups of the lens: B2BCatalogOrderOptionGroups
orderOptionRanges	
type	B2BCatalogOrderOptionRanges
occurs	0..1
description	the Ids to the orderOptionRange of the lens: B2BCatalogOrderOptionRanges
informationIds	
type	B2BCatalogInformationIds
occurs	0..1
description	the Ids to the information entries of the lens: B2BCatalogInformations
internal	
type	xs:anyType
occurs	0..1
description	section for internal tests

```

<xs:complexType name="B2BCatalogLens">
  <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"

```

```
type="B2BCatalogIncludedFeatures"/>
  <xs:element name="ranges" type="B2BCatalogRanges"/>
  <xs:element minOccurs="0" name="baseCurveIds"
type="B2BCatalogBaseCurveIds"/>
  <xs:element name="orderOptions" type="B2BCatalogOrderOptionIds"
minOccurs="0"/>
  <xs:element minOccurs="0" name="orderOptionRangeIds"
type="B2BCatalogOrderOptionRangeIds"/>
  <xs:element minOccurs="0" name="informationIds"
type="B2BCatalogInformationIds"/>
  <xs:element minOccurs="0" name="internal" type="xs:anyType"/>
</xs:sequence>
</xs:complexType>
```

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Last update: **2020/05/15 07:35**

