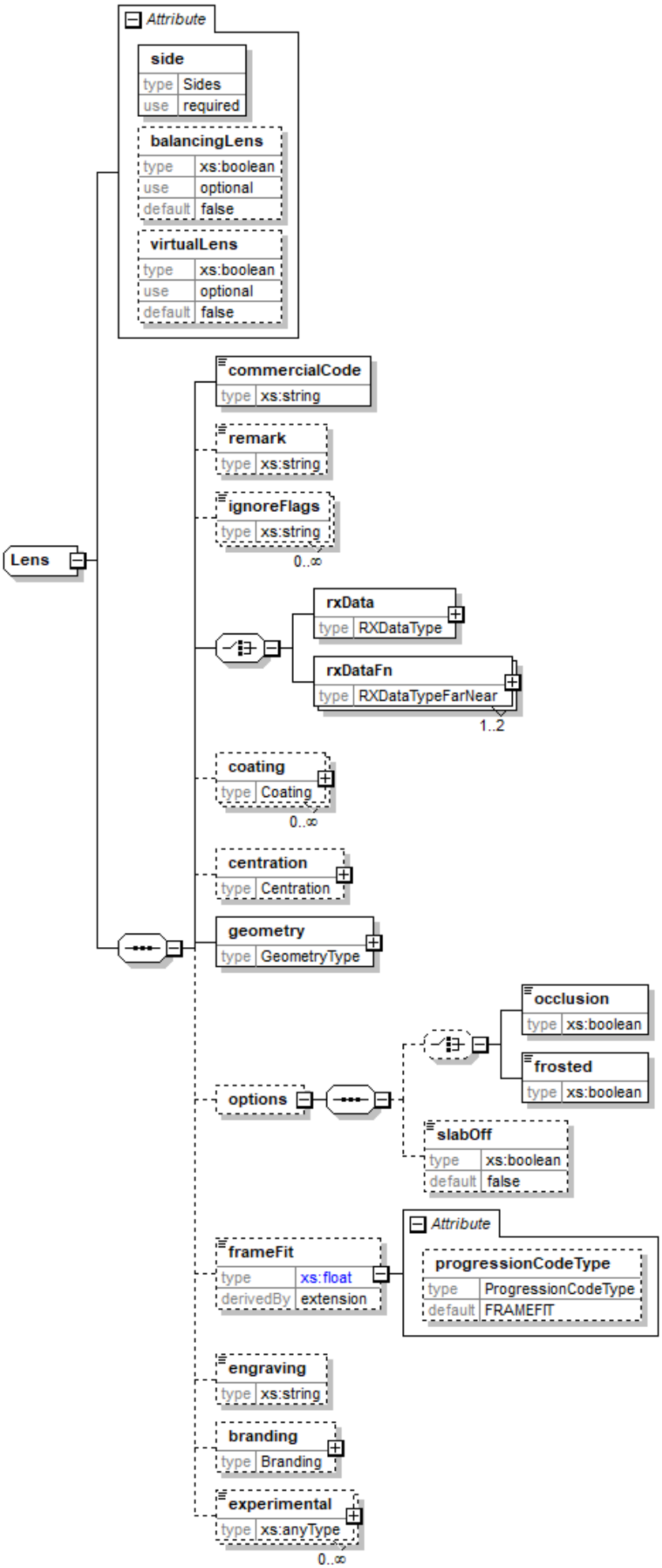
lens (Lens)

b2boptic → items → item → pair → lens


Attribute
side
type Sides
use required
balancingLens
type xs:boolean
use optional
default false
virtualLens
type xs:boolean
use optional
default false
Lens
commercialCode
type xs:string
remark
type xs:string
ignoreFlags
type xs:string
0..∞
rxData
type RXDataType
rxDataFn
type RXDataTypeFarNear
1..2
coating
type Coating
0..∞
centration
type Centration
geometry
type GeometryType
options
occlusion
type xs:boolean
frosted
type xs:boolean
slabOff
type xs:boolean
default false
frameFit
type xs:float
derivedBy extension
Attribute
progressionCodeType
type ProgressionCodeType
default FRAMEFIT
engraving
type xs:string
branding
type Branding
experimental
type xs:anyType
0..∞

side	
type	Sides
use	required
description	the side of eye the lens are for

balancingLens	
type	boolean
use	optional
default	false
description	only allowed at one side; the supplier should select a single vision lens for this side that fits to the multi vision lens of the other side

virtualLens	
type	boolean
use	optional
default	false
description	only allowed at one side; if a single lens is ordered and the data of the other side is necessary for calculation; if virtualLens is set to true, the attribute quantity of lens is set to 0 (?)

commercialCode	
type	string
occurs	1
description	productcode of the lens like in product catalog (e.g. B2BOptic LensCatalog)

remark	
type	string
occurs	0..1
description	remark for a single lens

ignoreFlags	
type	string
occurs	0..n
description	special codes to the receiver that an error should not be raised (e.g. diameter to small); these flags should be explicitly set by the customer

rxData	
type	RXDataType
occurs	1 or if rxDataFn is present then 0
description	there are refraction values only for far

rxDataFn	
type	RXDataTypeFarNear
occurs	1..2 or if rxData is present then 0
description	there are refraction values only for near or values for both far and near at the same time without a addition

coating	
type	Coating
occurs	0..n
description	the coatings and options for the lens

centration	
type	Centration
occurs	0..1

centration	
description	centration data
geometry	
type	GeometryType
occurs	1
description	
options	
occurs	0..1
occlusion (element of options)	
type	boolean
occurs	0..1, only allowed if frosted not present
description	
frosted (element of options)	
type	boolean
occurs	0..1, only allowed if occlusion not present
description	
slabOff (element of options)	
type	boolean
default	false
occurs	0..1
description	
frameFit	
type	float
unity	?
occurs	0..1
description	size correction for the length of progression zone
***progressionCodeType* (attribute of frameFit)**	
type	ProgressionCodeType
use	optional
default	FRAMEFIT
description	the type of framefit code
engraving	
type	string
occurs	0..1
description	individual gravure text
branding	
type	Branding
occurs	0..1
description	the trademark of the supplier is engraved to the lens
experimental	
type	anyType
occurs	0..n
description	deprecated; only for internal tests within a company system

```
<xs:complexType name="Lens">
  <xs:sequence>
```

```
    <xs:element name="commercialCode" type="xs:string" />
    <xs:element name="remark" type="xs:string" minOccurs="0"/>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="ignoreFlags"
type="xs:string" />
    <xs:choice>
      <xs:element name="rxData" type="RXDataType" />
      <xs:element maxOccurs="2" name="rxDataFn" type="RXDataTypeFarNear" />
    </xs:choice>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="coating"
type="Coating" />
    <xs:element minOccurs="0" name="centration" type="Centration" />
    <xs:element name="geometry" type="GeometryType" />
    <xs:element minOccurs="0" name="options">
      <xs:complexType>
        <xs:sequence>
          <xs:choice minOccurs="0">
            <xs:element name="occlusion" type="xs:boolean" />
            <xs:element name="frosted" type="xs:boolean" />
          </xs:choice>
          <xs:element minOccurs="0" default="false" name="slabOff"
type="xs:boolean" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="frameFit" minOccurs="0">
      <xs:complexType>
        <xs:simpleContent>
          <xs:extension base="xs:float">
            <xs:attribute name="progressionCodeType"
type="ProgressionCodeType" default="FRAMEFIT"/>
          </xs:extension>
        </xs:simpleContent>
      </xs:complexType>
    </xs:element>
    <xs:element minOccurs="0" name="engraving" type="xs:string" />
    <xs:element minOccurs="0" name="branding" type="Branding" />
    <xs:element minOccurs="0" maxOccurs="unbounded" name="experimental"
type="xs:anyType" />
  </xs:sequence>
  <xs:attribute name="side" type="Sides" use="required" />
  <xs:attribute default="false" name="balancingLens" type="xs:boolean"
use="optional" />
  <xs:attribute default="false" name="virtualLens" type="xs:boolean"
use="optional" />
</xs:complexType>
```