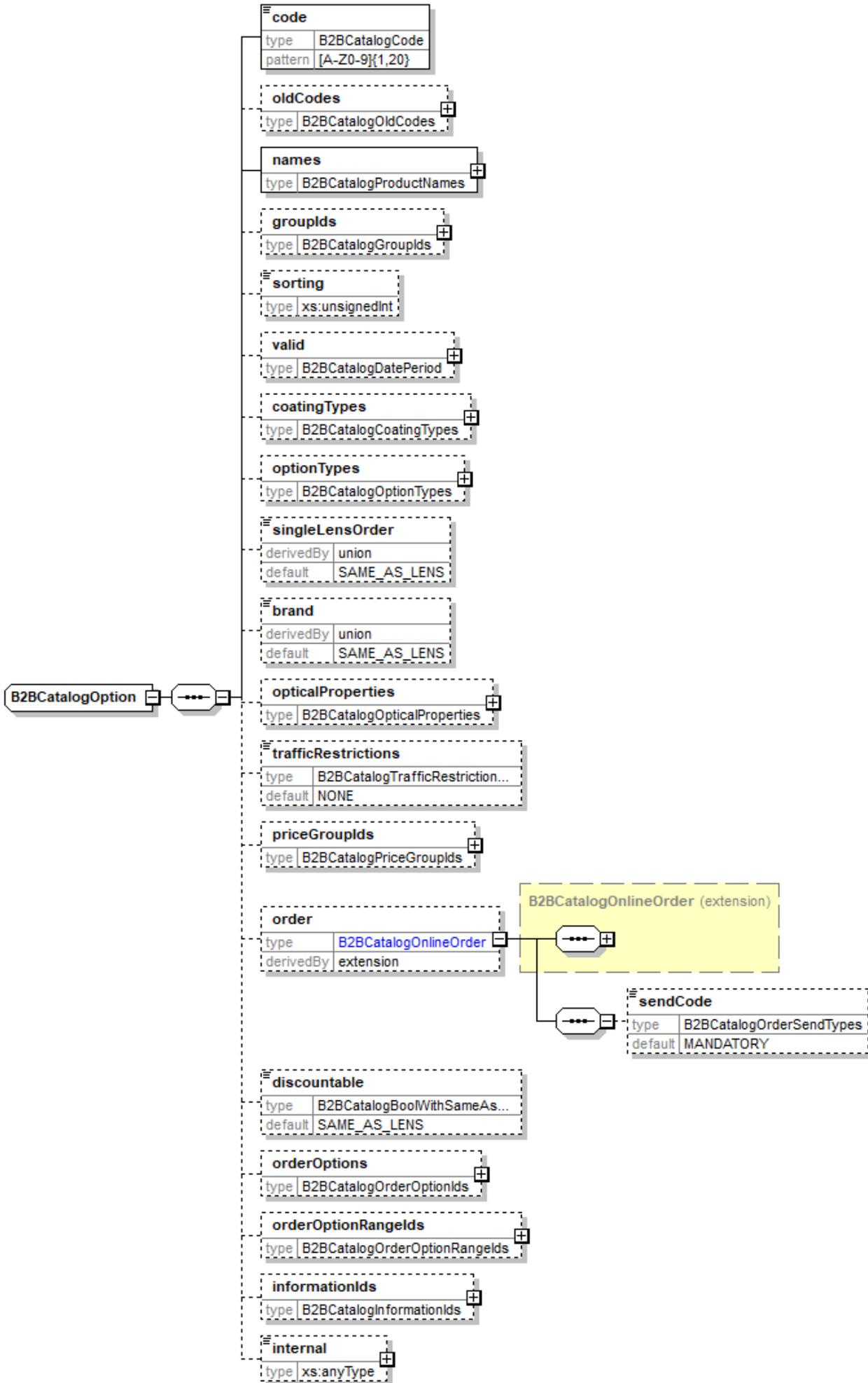


# B2BCatalogOption

[b2bOpticLensCatalog](#)→options





<b>code</b>	
<b>type</b>	<a href="#">B2BCatalogCode</a>
<b>occurs</b>	1
<b>description</b>	productcode of the option; max 20 characters with capitals or numerics; the option code needs to be unique in the catalog
<b>oldCodes</b>	
<b>type</b>	<a href="#">B2BCatalogOldCodes</a>
<b>occurs</b>	0..1
<b>description</b>	reference to codes that were valid in old catalogs and the current option is the successor
<b>names</b>	
<b>type</b>	<a href="#">B2BCatalogProductNames</a>
<b>occurs</b>	1
<b>description</b>	productname of the option
<b>groupIds</b>	
<b>type</b>	<a href="#">B2BCatalogGroupIds</a>
<b>occurs</b>	0..1
<b>description</b>	reference to a optiongroup by id; the option is member of this group
<b>sorting</b>	
<b>type</b>	xs:unsignedInt
<b>occurs</b>	0..1
<b>description</b>	sorts the output in a user interface; the lowest number is at the top and the highest at the bottom
<b>valid</b>	
<b>type</b>	<a href="#">B2BCatalogDatePeriod</a>
<b>occurs</b>	0..1
<b>description</b>	the validation timespan were this option is available and valid; if start and/or end is not set, the valid date of the catalog is used
<b>coatingTypes</b>	
<b>type</b>	<a href="#">B2BCatalogCoatingTypes</a>
<b>occurs</b>	0..1
<b>description</b>	if the option is a coating, then the type and variable attributes are here specified
<b>optionTypes</b>	
<b>type</b>	<a href="#">B2BCatalogOptionTypes</a>
<b>occurs</b>	0..1
<b>description</b>	if the option representing a supplement then the kind is here specified
<b>singleLensOrder</b>	
<b>type</b>	union of <a href="#">B2BCatalogSingleLensOrder</a> and <a href="#">B2BCatalogDerivedFromLens</a>
<b>occurs</b>	0..1
<b>default</b>	SAME_AS_LENS
<b>description</b>	specify if a lens with this option can be ordered as single lens or only as pair; to order a single lens, the lens and every selected option have to allow the single lens ordering
<b>brand</b>	
<b>type</b>	union of <a href="#">B2BCatalogBrands</a> and <a href="#">B2BCatalogDerivedFromLens</a>
<b>occurs</b>	0..1

<b>default</b>	SAME_AS_LENS
<b>description</b>	describes the brand classification of the option; this has no impact on validation or combination
<b>opticalProperties</b>	
<b>type</b>	<a href="#">B2BCatalogOpticalProperties</a>
<b>occurs</b>	0..1
<b>description</b>	if the option is a coating (e.g. color), it describes the optical properties
<b>trafficRestrictions</b>	
<b>type</b>	<a href="#">B2BCatalogTrafficRestrictionTypes</a>
<b>occurs</b>	0..1
<b>default</b>	NONE
<b>description</b>	describes the traffic suitability according DIN EN ISO 14880
<b>priceGroupIds</b>	
<b>type</b>	<a href="#">B2BCatalogPriceGroupIds</a>
<b>occurs</b>	0..1
<b>description</b>	reference to a group of prices by id
<b>order</b>	
<b>type</b>	<a href="#">B2BCatalogOnlineOrder</a>
<b>occurs</b>	0..1
<b>description</b>	specifies how a lens with this option can be ordered; for a lens with options, the result is positive if it is set for the lens and every selected option (AND operation)
<b>sendCode</b>	
<b>type</b>	<a href="#">B2BCatalogOrderSendTypes</a>
<b>occurs</b>	0..1
<b>description</b>	specifies if the productcode (element code) is transferred at an order; the default is that every code is transferred
<b>discountable</b>	
<b>type</b>	<a href="#">B2BCatalogBoolWithSameAsLens</a>
<b>occurs</b>	0..1
<b>default</b>	SAME_AS_LENS
<b>description</b>	specifies if an agreed discount will be considered on the price of the option
<b>orderOptions</b>	
<b>type</b>	<a href="#">B2BCatalogOrderOptionIds</a>
<b>occurs</b>	0..1
<b>description</b>	reference to orderOption by id
<b>orderOptionRangelds</b>	
<b>type</b>	<a href="#">B2BCatalogOrderOptionRangelds</a>
<b>occurs</b>	0..1
<b>description</b>	reference to orderOptionRanges by id
<b>informationIds</b>	
<b>type</b>	<a href="#">B2BCatalogInformationIds</a>
<b>occurs</b>	0..1
<b>description</b>	reference to information entries 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 name="B2BCatalogOption">
  <xs:sequence>
    <xs:element name="code" type="B2BCatalogCode"/>
    <xs:element minOccurs="0" name="oldCodes" type="B2BCatalogOldCodes"/>
    <xs:element name="names" type="B2BCatalogProductNames"/>
    <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 minOccurs="0" name="coatingTypes"
type="B2BCatalogCoatingTypes"/>
    <xs:element minOccurs="0" name="optionTypes"
type="B2BCatalogOptionTypes"/>
    <xs:element default="SAME_AS_LENS" minOccurs="0" name="singleLensOrder">
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        <xs:union memberTypes="B2BCatalogSingleLensOrder
B2BCatalogDerivedFromLens"/>
      </xs:simpleType>
    </xs:element>
    <xs:element default="SAME_AS_LENS" minOccurs="0" name="brand">
      <xs:simpleType>
        <xs:union memberTypes="B2BCatalogBrands B2BCatalogDerivedFromLens"/>
      </xs:simpleType>
    </xs:element>
    <xs:element minOccurs="0" name="opticalProperties"
type="B2BCatalogOpticalProperties"/>
    <xs:element default="NONE" minOccurs="0" name="trafficRestrictions"
type="B2BCatalogTrafficRestrictionTypes"/>
    <xs:element minOccurs="0" name="priceGroupIds"
type="B2BCatalogPriceGroupIds"/>
    <xs:element minOccurs="0" name="order">
      <xs:complexType>
        <xs:complexContent>
          <xs:extension base="B2BCatalogOnlineOrder">
            <xs:sequence>
              <xs:element default="MANDATORY" minOccurs="0" name="sendCode"
type="B2BCatalogOrderSendTypes"/>
            </xs:sequence>
          </xs:extension>
        </xs:complexContent>
      </xs:complexType>
    </xs:element>
    <xs:element default="SAME_AS_LENS" minOccurs="0" name="discountable"
type="B2BCatalogBoolWithSameAsLens"/>
    <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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