#### filterColumn (AutoFilter Column)

The filterColumn collection identifies a particular column in the AutoFilter range and specifies [filter](filter.docx) information that has been applied to this column. If a column in the AutoFilter range has no criteria specified, then there is no corresponding filterColumn collection expressed for that column.

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| Parent Elements |
| [autoFilter](autoFilter.docx) (§) |

|  |  |
| --- | --- |
| Child Elements | Subclause |
| [colorFilter](colorFilter.docx) (Color Filter Criteria) | § |
| [customFilters](customFilters.docx) (Custom Filters) | § |
| [dynamicFilter](dynamicFilter.docx) (Dynamic Filter) | § |
| [extLst](extLst.docx) (Future Feature Data Storage Area) | § |
| [filters](filters.docx) (Filter Criteria) | § |
| [iconFilter](iconFilter.docx) (Icon Filter) | § |
| [top10](top10.docx) (Top 10) | § |

|  |  |
| --- | --- |
| Attributes | Description |
| colId (Filter Column Data) | Zero-based index indicating the AutoFilter column to which this [filter](filter.docx) information applies.  The possible values for this attribute are defined by the XML [Schema](Schema.docx) unsignedInt datatype. |
| hiddenButton (Hidden AutoFilter Button) | Flag indicating whether the AutoFilter button for this column is hidden.  The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |
| showButton (Show Filter Button) | Flag indicating whether the [filter](filter.docx) button is visible. For example, when the [cell](cell.docx) containing the [filter](filter.docx) button is merged with another [cell](cell.docx), the [filter](filter.docx) button may be hidden, and not drawn.  The possible values for this attribute are defined by the XML [Schema](Schema.docx) boolean datatype. |

The following XML [Schema](Schema.docx) fragment defines the contents of this element:

<complexType [name](name.docx)="CT\_FilterColumn">

<choice minOccurs="0" maxOccurs="1">

<element name="[filters](filters.docx)" type="CT\_Filters" minOccurs="0" maxOccurs="1"/>

<element name="[top10](top10.docx)" type="CT\_Top10" minOccurs="0" maxOccurs="1"/>

<element name="[customFilters](customFilters.docx)" type="CT\_CustomFilters" minOccurs="0" maxOccurs="1"/>

<element name="[dynamicFilter](dynamicFilter.docx)" type="CT\_DynamicFilter" minOccurs="0" maxOccurs="1"/>

<element name="[colorFilter](colorFilter.docx)" type="CT\_ColorFilter" minOccurs="0" maxOccurs="1"/>

<element name="[iconFilter](iconFilter.docx)" minOccurs="0" maxOccurs="1" type="CT\_IconFilter"/>

<element name="[extLst](extLst.docx)" type="CT\_ExtensionList" minOccurs="0" maxOccurs="1"/>

</choice>

<attribute [name](name.docx)="colId" type="xsd:unsignedInt" use="required"/>

<attribute name="hiddenButton" type="xsd:boolean" use="optional" default="false"/>

<attribute name="showButton" type="xsd:boolean" use="optional" default="true"/>

</complexType>