The standard camera window (S) has been selected to satisfy most applications. However, other options (O) are readily available without requiring a Customer Special Request (CSR). This document provides a summary of how to select the correct optional camera window and associated part code for your camera type. Refer to the Technical Note Camera Windows: Optimizing for Different Spectral Regions for further technical information.

### Camera window code format

Camera Window codes are constructed using subsets of codes that relate to their Mechanical data and their Transmission characteristics.

This example provides an outline of the code **WN45FS(BB-VS-NR)W**

- **Mechanical data**: WN45FS(*****)W
  - Diameter (mm): 45
  - Material: Fused Silica
  - Wedge: Wedged

- **Transmission characteristics (BB-VS-NR)**
  - ‘Broadband VIS-NIR’

### Step 1 Confirm mechanical data code for your camera type

Confirm the Mechanical Data code that applies to your camera type. These are defined below in Table 1.

<table>
<thead>
<tr>
<th>Camera Type</th>
<th>iKson, Clara, iKson-M</th>
<th>iKson-L</th>
<th>Neo</th>
<th>Sona, Marana</th>
<th>Newton, iDus, iVac</th>
<th>Newton-xx-DD, iDus-LDC-DD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mechanical code</td>
<td>WN35FS(<em><strong><strong>)y or WN35MF(</strong></strong></em>)U</td>
<td>WN60FS(<em><strong><strong>)U or WN60MF(</strong></strong></em>)U</td>
<td>WN45FS(<em><strong><strong>)y or WN50FS(</strong></strong></em>)U</td>
<td>WN45FS(<em><strong><strong>)y or WN45MF(</strong></strong></em>)U</td>
<td>WN49FS(VS-NR-ENH)(W1) or WN45FS(<em><strong><strong>)y or WN45MF(</strong></strong></em>)U</td>
<td></td>
</tr>
</tbody>
</table>

**Table 1**: Mechanical specifications code for each camera window by camera type

- ‘y’ denotes wedge or unwedged option (see Table 2), ‘U’ denotes unwedged, ‘(*****)’ transmission characteristic code.

### Step 2 Select the required transmission characteristics and code

Select the Transmission Characteristics you require using Figures 1 & 2, and Table 2 on page 2.

### Step 3 Ordering

- The standard window is supplied by default unless another window option is selected.
- To order an alternative option, enter your camera window code as a separate line entry on the purchase order (PO).
- Due care should be taken to match the window to the specific camera (Table 1) and the required transmission characteristic (see Figures 1 & 2 and Table 2).
- In the unlikely case where a special specification is required, this can be done via the Customer Special Request (CSR) Process.
### Table 2 part 1: Summary of the window options for each camera

**Notes:** S: standard window offered, S**: standard window has 1° wedge and 49.5 mm diameter, O: options available, CSR: possible via CSR process, n/a: not applicable. Standard wedge is 0.5° unless specified otherwise. O**: Special option with wedge.

*Continued on next page*
Table 2 part 2: Summary of the window options for each camera.

Notes: S#: Standard window on Zyla, Neo and iKon-XL- refer to the Transmission Efficiency Characteristics curve below, O: options available, OUSP: special unwedged window, CSR: possible via CSR process, n/a: not applicable.

Figures:
- Figure 2: Transmission Efficiency Characteristics of the Standard “S#” window coating used in the Zyla, Neo, Sona, Marana and iKon-XL models.