

### product type designation



### IWLAN Power Splitter N-Connect Female

N-Connect female power splitter 2-fold; 2.4 and 5 GHz Y-element.

Technical Product Detail Page

<https://l.siemens.com/1P6GK5798-0SN00-0EA0>

### electrical data

|                                  |                  |
|----------------------------------|------------------|
| number of electrical connections | 3                |
| type of electrical connection    | N-Connect female |
| transmission frequency           | 2.4 ... 6425 GHz |
| impedance                        | 50 Ω             |
| return loss / minimum            | 18 dB            |
| insertion loss / maximum         | 3.15 dB          |

### ambient conditions

|                                                                             |                                |
|-----------------------------------------------------------------------------|--------------------------------|
| ambient temperature                                                         |                                |
| • during operation                                                          | -40 ... +110 °C                |
| • during storage                                                            | -40 ... +110 °C                |
| • during transport                                                          | -40 ... +110 °C                |
| resistance to salt-laden atmosphere / conformity according to EN 60068-2-52 | Yes; Severity 3                |
| protection class IP                                                         | IP66/68; IP 68 at 0,5 bar/ 1 h |

### design, dimensions and weights

|            |          |
|------------|----------|
| width      | 71.4 mm  |
| depth      | 41.4 mm  |
| length     | 131.4 mm |
| net weight | 937 g    |

### standards, specifications, approvals

|                                 |     |
|---------------------------------|-----|
| certificate of suitability      |     |
| • RoHS conformity               | Yes |
| reference code                  |     |
| • according to IEC 81346-2:2019 | XZA |

### further information / internet links

|                                                         |                                                                                                                                         |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| internet link                                           |                                                                                                                                         |
| • to website: Selection guide for cables and connectors | <a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a> |
| • to web page: selection aid TIA Selection Tool         | <a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a>                                                         |
| • to website: Industrial communication                  | <a href="https://www.siemens.com/simatic-net">https://www.siemens.com/simatic-net</a>                                                   |
| • to the website: IWLAN                                 | <a href="https://www.siemens.com/iwlan">https://www.siemens.com/iwlan</a>                                                               |
| • to web page: SiePortal                                | <a href="https://sieportal.siemens.com/">https://sieportal.siemens.com/</a>                                                             |
| • to website: Image database                            | <a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a>                                       |
| • to website: CAX-Download-Manager                      | <a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a>                                                                   |
| • to website: Industry Online Support                   | <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>                                                 |

### Security information

|                      |                                                                                 |
|----------------------|---------------------------------------------------------------------------------|
| security information | Siemens provides products and solutions with industrial cybersecurity functions |
|----------------------|---------------------------------------------------------------------------------|

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