

## Data sheet

RUM:ANTN0074

product type designation	<b>RUGGEDCOM ANTN0074</b> RUGGEDCOM ANTN0074 ANT Sector Dual Slant 4.9 - 5.95 GHz 16dBi 90
<b>radio frequencies</b>	
transmission frequency	4900 ... 5950 MHz
antenna gain	16.5 dB
<b>electrical data</b>	
impedance	50 $\Omega$
polarization	Dual linear, $\pm 45^\circ$
radiation characteristic	Sector Antenna-90
antenna gain	16.5 dB
standing wave ratio (VSWR) / maximum	1.7
radiating angle of the antenna	
• horizontal	90°
• vertical	6°
number of electrical connections / of the antenna	2
type of electrical connection / of the antenna	N-Female
front-to-back ratio	25 dB
<b>mechanical data</b>	
material	
• of outer shell	Plastic
<b>ambient conditions</b>	
ambient temperature	
• during operation	-45 ... +71 °C
relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
protection class IP	IP67
wind load / maximum	220 km/h
resistance to mechanical stress	IEC 60721-3-4
shock resistance	IEC 60721-3-4
<b>design, dimensions and weights</b>	
width	17 mm
height	550 mm
depth	250 mm
net weight	2500 g
<b>standards, specifications, approvals</b>	
certificate of suitability	
• RoHS conformity	Yes
reference code	
• acc. to IEC 81346-2	TF
• according to IEC 81346-2:2019	TFB
<b>further information / internet-Links</b>	
Internet-Link	
• to website: Industry Mall/RUGGEDCOM selector	<a href="http://ruggedcom-selector.automation.siemens.com">http://ruggedcom-selector.automation.siemens.com</a>
• to website: Siemens RUGGEDCOM	<a href="http://siemens.com/ruggedcom">http://siemens.com/ruggedcom</a>
• to website: Industrial communication	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
• to website: Industry Mall	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
• to website: Information and Download Center	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
• to website: Selection guide for cables and connectors	<a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>
• to website: Image database	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
• to website: CAx-Download-Manager	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>

- to website: Industry Online Support

<https://support.industry.siemens.com>

**last modified:**

11/3/2021 