

Change in plastic material (PA66 to PA6T) – RJ45 jacks

Dear Madam or Sir,

Product adaptations serve the purpose of continuous product and/or process improvement. The listed products are delivered in a modified version. Please pass this product information on to your employees and, if needed, to your customers.

1. General Overview

Type of notification: PCN PDN Short-term action

Short-term action due to:

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|---|---|
| <input type="checkbox"/> Software / Firmware Bugfix | <input type="checkbox"/> Short term delivery stop by supplier |
| <input type="checkbox"/> Short term recall by supplier | <input type="checkbox"/> Force majeure |
| <input checked="" type="checkbox"/> Product improvement with customer benefit | <input type="checkbox"/> other |
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2. Technical change

The housing material of the RJ45 jack is being changed from **PA66 to PA6T**. Compared to PA66, PA6T offers **higher thermal resistance, lower moisture absorption, and improved dimensional stability**. This **increases process reliability during wave soldering** and prevents blistering or deformation during the soldering process. Other mechanical and electrical properties of the sockets remain unchanged. Both materials are UL 94 V-0 approved.

Old version	New version
PA66 (UL 94 V-0)	PA6T (UL 94 V-0) <ul style="list-style-type: none">• Higher heat resistance - even better suited for wave soldering processes• Lower moisture absorption - more stable electrical and mechanical properties• Reduced blistering during soldering - higher process reliability and optical quality• Better dimensional stability – less dimensional change due to temperature or humidity fluctuations

3. Timeline

We are writing to inform you that **the change has been implemented in production with immediate effect**. There will be no stock clearance. However, we can guarantee that different material versions will not be mixed within a single packaging unit.

4. Affected parts

No.	Order-No.	Short description
1	2562920000	RJ45C5 R1D 1.9E4G/Y RL
2	1433800000	RJ45C5 T1U 2.8N4N TY
3	2036460000	RJ45M R1D 3.3N4Y/G TY
4	2439040000	RJ45M R1V 3.3N4Y/G TY
5	2474160000	RJ45G1 R12D 3.3E4G/Y TY
6	2562820000	RJ45C5E S1U DE4G/Y RL
7	2562880000	RJ45C5 R1D 3.3E4N RL
8	2562900000	RJ45C5 R1U 2.8E4N RL
9	2562960000	RJ45M R1D 3.3E4G/Y RL
10	2563850000	RJ45M R1D 3.2E4N RL
11	2564420000	RJ45M S1D DE4N RL
12	2661690000	RJ45C6 R1V 3.2N4N RL
13	2759640000	RJ45C5 T1V 4.0N4N TY SO
14	1433910000	RJ45C6 T1U 2.7N4N TY
15	1455240000	RJ45C5 T1U 2.8N4N TY
16	2436450000	RJ45C5 T1V 4.0N4N TY

5. Data

All technical data and functional features are unaffected by this measure.
Detailed information on the technical data can be found for the individual products in the [eShop](#).

We are very sorry for all the inconveniences caused and doing everything to adjust this product change as smooth as possible without big influence on delivery times and general functions.

For further questions please contact your sales office directly. All contacts for sales representatives are available here:
<http://www.weidmueller.com/contact>

Best regards

Product Management

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