



Pushing Performance

HARTING Product Change Notification

PCN

Business Unit: HCS

PCN/19/015/C+N

Product range: HCS; ICPN Cabling / Industrial Ethernet Kabel
und Kabelkonfektionen

Date: 2019-04-16

Author: Matthias Speer

Title: Redesign PUR Cat5e and Cat7

Details of Product Changes

1. Concerned part number (see also attachment):

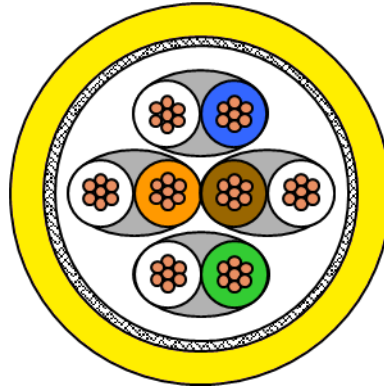
Please see attached Excel files

2. Description of changes / news:

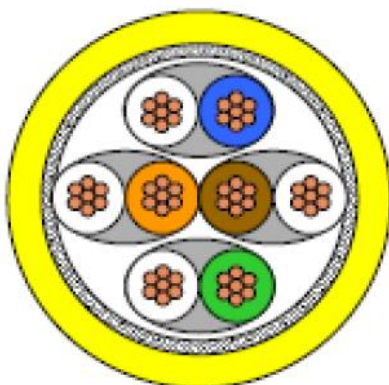
Old Cross Section Cat.5e



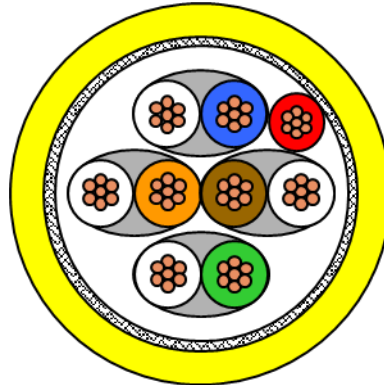
NEW Cross Section Cat.5e



Old Cross Section Cat.7



NEW Cross Section Cat.7



Dear Ladies and Gentleman,
We would like to inform you about the upcoming changes for our Cat.5e and Cat.7 PUR cable which are used in several of our cable assemblies.



The cable were designed 8 years ago and they are still state of the art. But to be future proofed and to fulfill the upcoming higher requirements for Industry 4.0 and IoT we decided to redesign both cable.

For both cable we increased the wire diameter to AWG26 with 7 strands.

For Cat.5e we mainly changed from a SF/UTP structure to a S/FTP structure.

For Cat.7 we modified the length of layers and added a 9th wire which can be used for RJ45 connectors with LED.

3. Impact on product specification:

Cat.5e:

- Changed Wire Diameter from 0,85mm to 1,02mm
- OD change from 6,2mm to 6,4mm
- Structure changed from SF/UTP to S/FTP

Cat.7:

- Changed Wire Diameter from 0,98mm to 1,02mm
- OD remains
- Additional wire for RJ45 with LED connection

During the period of change there might be a mesh of old and new assemblies at the stock!

4. Scheduled date of implementation:

- Approx: October 2019

5. Identification of change:

- New revisionlevel

6. Data sheets:

- HARTING CAT5e S-FTP 4P PUR_DE.pdf
- HARTING CAT5e S-FTP 4P PUR_EN.pdf
- HARTING CAT7 S-FTP 4P+1 PUR_DE.pdf
- HARTING CAT7 S-FTP 4P+1 PUR_EN.pdf