Fast communication for Industry 4.0

The CC-Link IE Field Cat 6A cable is the perfect solution for 1 GBit/s transmissions in industrial applications. Because of the stranded conductor and the optimized lay length, the cable allows fast installation times for fixed applications. Due to the non-filled construction, the new version cable has a smaller outer diameter.

Beyond that, the new cable types have passed the CC-Link IE Field and TSN product test with excellent electrical characteristics. Therefore our products are now fully compatible for building a Time Sensitive Network with CC-Link IE TSN.

In addition, LEONI also offers ready plugged cable assemblies for this new applications.
### Technical data:

**CC-Link IE Field and TSN Cat 6a**

| **Application** | CC-Link patch cable  
4x2x26AWG  
UL-recognised: AWM  
Certified: CC-Link IE Field and TSN |
| **Conductor** | Stranded bare copper wire 7 x 0.16 (26 AWG)  
Insulation of foamed Polyethylene (PE) with skin |
| **Core** | 2 wires twisted to a pair  
4 screened pairs twisted to a quad |
| **Shield** | Shield braiding of tinned copper wires 0.1 mm (38 AWG) |
| **Jacket** | Polyvinylchloride (PVC)  
Ø (6.6 ± 0.3) mm (0.260 ± 0.012 in) |
| **Characteristics** | Flame retardant acc. to IEC 60332-1-2  
Sunlight resistant  
UL-Style 20276 |
| **Type designation** | 02YSCY 4X2X0.5/1.0-100 LI PIMF GN |
| **Order number** | L45467-J415-C45-C1 |