CC-Link IE for realtime Ethernet applications

The new CC-Link IE Cat 5e cable is the perfect solution for 1 GBit/s transmissions in the industrial field. Due to the double shielding construction, the cable has high anti-electromagnetic disturbance performance. Because of the stranded conductor and the optimized lay length, the cable allows fast installation times for fixed applications.

Moreover, the cables have passed the CC-Link IE Field and TSN recommended product test with excellent electrical performance. 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 CC-Link IE and TSN application.

Characteristics:
- Cold resistant
- Flame retardant
- RoHS compliant
- UL-Style 2835
- CC-Link IE Field certified
- CC-Link IE TSN certified

LEONI FieldLink®
## Technical data:

### CC-Link IE Field and TSN Cat Se

| Application          | CC-Link patch cable  
|----------------------|-----------------  
|                      | 4x2x26AWG  
|                      | UL recognised: AWM  
|                      | Certified: CC-Link IE Field and TSN  
| Conductor            | Stranded bare copper wire 7x0.16 mm (26 AWG)  
|                      | Insulation of foamed Polyethylene (PE) with skin  
| Core                 | 2 wires twisted to a pair  
|                      | 4 Pairs twisted to a quad  
| Shield               | Shield braiding of tinned copper wires 0.1 mm (38 AWG)  
|                      | Aluminum foil overlapped  
| Jacket               | Polyvinylchloride (PVC)  
|                      | Ø (6.0 ±0.3) mm (0.236 ±0.012 in)  
| Characteristics      | Flame retardant acc. to IEC 60332-1-2  
|                      | Cold bending test acc. DIN IEC 60811-1-4 (-10° C)  
|                      | UL-Style 2835  
| Type designation     | 02YS(ST)CY 4X2X0.5/0.98-100 LI GYWH  
| Order number         | L45581-B42-Y135-C1  

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