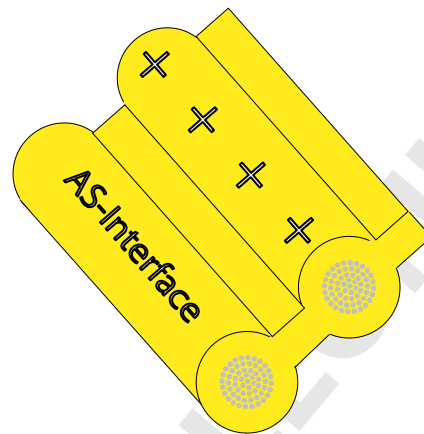


## AS-Interface

FLIH 2x0.86/2.5  
2X18AWG



### Design

#### Flat cable

2 Stranded tinned copper wire 19 X 0.24 (18AWG) side by side  
Thermoplastic copolymer (FRNC) YE  
Wall thickness about 0.5 mm  
Outer dimensions

(2.5 x 7.0 ±0.2) mm

Printing 1) "sequential length in metres" AS-Interface FLIH 2x18AWG FRNC LEONI L  AWM 2444  
80 °C 300V

Textintervals about 1000 mm

Printing 2) +  
Textintervals about 20 mm

#### Electrical data at 20°C

Conductor resistance	≤	23	Ohm/km
Insulation resistance	≥	10	MOhm*km
UL Rating		300	V
Characteristic impedance (167 kHz) (AS-I specification)		70 - 140	Ohm
Characteristic impedance (167 kHz)	typ.	135	Ohm
Ampacity (up to 65°C)	≤	8	A
Test voltage (rms 50Hz 1min)		2000	V

### Mechanical and thermal characteristics

Conductor material acc. to DIN EN 13602 Cu-ETP-A...-B  
Jacket material acc. to DIN EN 50290-2-27 (HD 624.7)  
Flame retardant acc. to UL 1581, Sec. 1090 (H)

UL-Style 2444 (80°C/300V)  
Electrical requirements acc. to specification AS-I V3.0

### Other characteristics:

Low Smoke, Zero Halogen  
Corrosivity of fumes acc. to IEC 60754-2  
Smoke-density acc. to IEC 61034  
RoHS compliant

Permissible temperature range

Transport, installation and operating: -40 °C (-40 °F) up to 90 °C (194 °F)

Min. bending radius allowed : 15mm  
Weight about : 24 Kg/km

### Designation of order:

L45587-J21-Y  
212097  
FLIH 2X0,86 VZN GE  
1000 m (3281 ft) on reel

