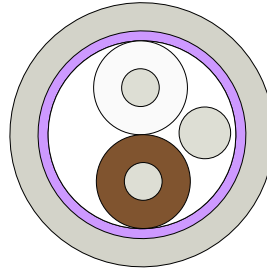


TwipLink®

1 Pair 100Ω 26AWG LSZH



Design

Wire

Tinned copper wire (26 AWG)
Insulation of foamed Polyethylene (PE) with skin

∅ 0.4 mm (0,016 in)
∅ 1.02 mm (0.040 in)

Core

2 wires twisted to a pair
Tinned copper drain wire ∅ 0.4 mm (26 AWG)
Aluminum foil overlapped

Jacket:

Thermoplastic copolymer (FRNC) GY
Wall thickness about 0.25 mm

∅ (2.6±0.15) mm (0.102±0.006 in)

Printing: "sequential length in metres" * LEONI High Speed Cables TwipLink® 100 Ω LSZH
"internal lot number"

Text intervals about 500 mm

Electrical data at 20°C

Conductor resistance	≤	150	Ohm/km
Insulation resistance	≥	200	MΩ*km
Operating voltage (peak)	≤	100	V
Characteristic impedance (1 MHz)		(100±15)	Ohm
Capacitance (1 kHz)	nom.	46	nF/km
rel. velocity of propagation	nom.	76	%
Time Delay	nom.	4.4	ns/m
Test voltage (wire/wire/screen rms 50Hz 1min)		500	V

LEONI Special Cables GmbH

Technisches Datenblatt - Technical Data Sheet – Technisches Datenblatt – Technical Data Sheet – Technisches Datenblatt

Frequency (MHz)	0.1	1	10
Attenuation typ. (dB/100m) (dB/100ft)	1 (0,3)	4,3 (1,3)	11 (3,4)

Mechanical and thermal characteristics

Conductor/Screen material acc. to DIN EN 13602 Cu-ETP-A...-B

Insulating material acc. to DIN EN 50290-2-23 (VDE0819), table 2/A (HD 624.3) (02Y)

Jacket material acc. to DIN EN 50290-2-27 (HD 624.7)

Other characteristics:

RoHSkonform nach Richtlinie 2002/95/EC

Low Smoke, Fire retardant, Zero Halogen

Corrosivity of fumes acc. to IEC 60754-2

Smoke-density acc. to IEC 61034

Permissible temperature range : -25 °C (-13 °F) up to 70 °C (158 °F)

Min. bending radius allowed : repeated 10X \varnothing , single 5X \varnothing

Weight about : 6 kg/km (4 lb/1000ft)

Designation of order:**PLU030122**

214832

02YS(ST)H 1X2X0.4/1.02-100 GR

1000 m (3281 ft) on non-returnable spool