

CONIX® Li-YCY (TP) UL SIGNAL TRANSMISSION CABLE



APPLICATION

CONIX® Li-YCY (TP) UL is an approved cable for the North America market and rest. Besides being suitable for free moving application, this signal transmission cable is perfectly suitable for analogue and digital signals in EMI environment because the cores are individually paired and with overall tinned copper screened for maximum interference avoidance. Perfectly recommended for usage in highly automated machines, production line and, conveying systems in plant construction prescribed in wet and dry condition.

OUTSTANDING FEATURES

- UL 2464 Approval
- Overall braided coverage approximately 85% to improve signal integrity
- Space Saving due to small cable diameter
- Flame retardant according to UL VW1, CSA FT1
- Compatible for sensor with either analogue and digital signal that covers 0-20mA, 0-10v and other similar applications.

CHARACTERISTIC

Peak Operating Voltage

300V

This cable is not suitable for power applications

Temperature Rating

Fixed: -20°C to +80°C
Flexing: -5°C to +80°C

*Upon Request Temperature Range

Fixed: -40°C to +80°C
Flexing: -10°C to +80°C

Minimum Bending Radius

Fixed: 4 x overall diameter
Flexing: 15 x overall diameter

CONSTRUCTION

- Conductor** : Fine strands of tinned copper, acc. to UL 758
- Insulation** : PVC
- Color code** : DIN 47100
(stripe printing for cores with dual color)
*Other color printing is available upon request
- Wrapper** : Polyester Tape
- Screen** : Tinned copper wire braiding
- Jacket materials** : PVC
- Jacket color** : Grey (RAL 7001)

Part no.	No. cores x cross - sec. AWG	Outer Ø mm, approx.	Cu-weight kg/km	Weight kg/km, approx.
25502PG26	2 x 2 x 26AWG	6.3	5.4	47.2
25503PG26	3 x 2 x 26AWG	6.6	8.1	56.4
25504PG26	4 x 2 x 26AWG	7.3	10.8	67.9
25502PG24	2 x 2 x 24AWG	6.7	8.1	54.1
25503PG24	3 x 2 x 24AWG	7.1	12.1	65.5
25504PG24	4 x 2 x 24AWG	7.7	16.2	79.3
25502PG22	2 x 2 x 22AWG	7.2	12.8	64.9
25503PG22	3 x 2 x 22AWG	7.7	19.2	79.8
25504PG22	4 x 2 x 22AWG	8.4	25.6	97.5
25506PG22	6 x 2 x 22AWG	10.1	38.4	136.0

Part no.	No. cores x cross - sec. AWG	Outer Ø mm, approx.	Cu-weight kg/km	Weight kg/km, approx.
25508PG22	8 x 2 x 22AWG	11.0	51.2	167.1
25512PG22	12 x 2 x 22AWG	13.0	64.0	212.2
25516PG22	16 x 2 x 22AWG	13.5	76.8	239.5
25502PG20	2 x 2 x 20AWG	15.0	102.5	303.4
25503PG20	3 x 2 x 20AWG	8.0	20.4	80.5
25504PG20	4 x 2 x 20AWG	8.5	30.6	100.7
25505PG20	5 x 2 x 20AWG	9.3	40.8	124.3
25506PG20	6 x 2 x 20AWG	11.2	61.1	175.2
25508PG20	8 x 2 x 20AWG	12.2	81.5	217.2
25512PG20	12 x 2 x 20AWG	15.0	122.3	313.8

Photographs are not to scale and do not represent detailed images of the respective products.
- Other sizes upon request with MOQ required