

DATAFLEX Li2YCYv (TP)

CPR Class **Eca**

CE

RoHS

REACH

TWISTED PAIRS



SCHERMATO
NO INTERFERENCE

IMPIEGO APPROPRIATO / APPROPRIATE USE

Indicato per il cablaggio di sistemi di elaborazione dati con trasmissioni fino a 10 Mbit/s, per la gestione di segnali poco sensibili ad alte velocità. Adatto all'impiego con interfacce RS422 e RS485 in possa fissa o per movimentazione limitata. Per ambienti interni o esterni. Guaina esterna nera rinforzata (Yv).
To be used in data processing systems with transmissions up to 10 Mbits/s, suitable for low sensible signals at high speed. Compatible with RS422 and RS485. Suitable for fixed laying or occasional movements. Both for inside or outside installations. Resistant black outer sheath (Yv).

	CARATTERISTICHE/ CHARACTERISTICS	DESCRIZIONE/ DESCRIPTION	NORME/ REFERENCE
	Tipo di cavo Type of cable	Li2YCYv (TP)	
	Tensione nominale Nominal Voltage	Uo/U 250V (non per applicazioni di potenza - not for power applications)	
1	Conduttore Core	Trefolo di 7 fili di rame nudo 7 wires raw stranded copper	VDE 0881
2	Isolamento Insulation	Polietilene (PE) Polyethylene (PE)	
3	Antimigrante Antimigrating	Nastrino in PET PET tape	
4	Schermatura Screening	Schermo a treccia di fili di rame stagnato Screening braid of tinned copper wires	
5	Guaina Sheath	PVC rinforzato colore nero RAL 9005 o blu RAL 5015 Strengthened PVC black colour RAL 9005 or blue colour RAL 5015	EN 50363
	Campo di temperatura Temperature range	Posa fissa: da -30°C a +80°C, posa mobile occasionale: da -5°C a +70°C Fixed laying: from -30°C to +80°C, random mobility: from -5°C to +70°C	
	Tensione di prova Testing voltage	Conduttore/conduttore: 2000 V AC - Conduttore/schermo: 1000 V AC Conductor/conductor: 2000 V AC - Conductor/shield: 1000 V AC	
	Raggio minimo di curvatura Minimum banding radius	Posa fissa: 6 x diametro esterno - Posa mobile: 15 x diametro esterno Fixed laying: 6 x external diameter - Mobile laying: 15 x external diameter	
	Capacità mutua nominale a 800 Hz Nominal mutual capacitance at 800 Hz	60 nF/km	
	Induttanza nominale Nominal inductance	0,65 mH/km	
	Attenuazione Attenuation	min. 50 dB (≤ 1 MHz) / min. 40 dB (≤ 10 MHz)	
	Impedenza caratteristica Characteristic impedance	100 Ohm (+/- 15%) > 1 MHz	
	Imballo Package	Matasse mt.100 in termoretraibile - Bobine 100 m thermo-shrinking material coils - Drums	

NORME RIF. GENERALI / GENERAL REFERENCE

VDE 0812

IDENTIFICAZIONE CONDUTTORI / CORE IDENTIFICATION

Colorate (DIN 47100)

Coloured cores (DIN 47100)

CROSS-SECTION 0.22 smm

Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 2 x 0.22	8.1	79	24.2
3 x 2 x 0.22	8.7	93	28.6
4 x 2 x 0.22	8.9	100	34.2
8 x 2 x 0.22	10.7	156	70
10 x 2 x 0.22	12	185	76

CROSS-SECTION 0.50 smm

Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
1 x 2 x 0.50	7.9	79	29
2 x 2 x 0.50	10.1	120	37
3 x 2 x 0.50	10.9	142	55
4 x 2 x 0.50	11.2	160	60
8 x 2 x 0.50	13.9	251	113.3
10 x 2 x 0.50	16	303	148

CROSS-SECTION 0.34 smm

Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
1 x 2 x 0.34	7.4	69	20
2 x 2 x 0.34	9.3	102	34.1
3 x 2 x 0.34	10	117	43
4 x 2 x 0.34	10.3	130	52.8
8 x 2 x 0.34	12.6	206	85.8

CROSS-SECTION 1 smm

Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 2 x 1	10.8	141	81
3 x 2 x 1	11.5	170	102
4 x 2 x 1	12.0	203	130
8 x 2 x 1	16.1	261	240
10 x 2 x 1	17.2	287	282

MULTISTANDARD
CABLES

CONTROL
CABLES

DATA
CABLES

ENERGY
CABLES

SPECIAL
CABLES

SHIELDED
CABLES

ARMOURED
CABLES

UTILITIES