



## Data cables - LI2YCYv (TP) (EMC-type)

- UV-resistant

### Technical attributes

Standards	adapted to DIN VDE 0812
Conductor material	Cu, bare
Core insulation	PE
Core colours	DIN 47100
Core structure	pairs stranded in layers with optimal lay-length under PES tape
couples	insulated cores stranded in pairs
Screening	Cu-braiding, tinned
Outer sheath	PVC, reinforced
Outer sheath colour	RAL 9005 black
Temperature range min., mobile operation	-5 °C
Temperature range max., mobile operation	+70 °C
Temperature range min., fixed installation	-15 °C
Temperature range max., fixed installation	+70 °C
Nominal voltage U <sub>0</sub> /U	Core/core = 2000 V, core/screen = 1000 V
Test voltage	250 V
Insulation resistance	5000 MΩ x km
Minimum bending radius, mobile operation	12 x cable-Ø
Minimum bending radius, fixed installation	7,5 x cable-Ø
RoHS-compliant	ja

### Description

These cables are used in particular for the interference-free transmission of data and signals over longer distances. This Yv type has a reinforced outer sheath and is suitable for installation in the ground as long as there are no rodents, termites in the ground and the cable is not exposed to any kind of oil.

### Note

- UV-resistant
- flame-retardant IEC/EN 60332-1-2

### Product table

product number	product name	couples	Outer sheath colour	Outer-Ø ca. [mm]	Weight ca. [kg]	Cu-weight [kg_km]
01110001	LI2YCYv (TP) 2 x 2 x 0,22 sw	insulated cores stranded in pairs	black	7,90	46,00	26,00
01110002	LI2YCYv (TP) 3 x 2 x 0,22 sw	insulated cores stranded in pairs	black	8,20	67,00	31,00
01110003	LI2YCYv (TP) 4 x 2 x 0,22 sw	insulated cores stranded in pairs	black	8,80	83,00	38,00
01110004	LI2YCYv (TP) 8 x 2 x 0,22 sw	insulated cores stranded in pairs	black	10,50	129,00	62,00



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product number	product name	couples	Outer sheath colour	Outer-Ø ca. [mm]	Weight ca. [kg]	Cu-weight [kg_km]
01110005	LI2YCYv (TP) 10 x 2 x 0,22 sw	insulated cores stranded in pairs	black	12,00	164,00	79,00
01110006	LI2YCYv (TP) 2 x 2 x 0,34 sw	insulated cores stranded in pairs	black	9,10	68,00	35,00
01110007	LI2YCYv (TP) 3 x 2 x 0,34 sw	insulated cores stranded in pairs	black	9,50	79,00	44,00
01110008	LI2YCYv (TP) 4 x 2 x 0,34 sw	insulated cores stranded in pairs	black	10,10	95,00	53,00
01110009	LI2YCYv (TP) 8 x 2 x 0,34 sw	insulated cores stranded in pairs	black	12,60	165,00	86,00
01110010	LI2YCYv (TP) 10 x 2 x 0,34 sw	insulated cores stranded in pairs	black	14,20	204,00	113,00
01110016	LI2YCYv (TP) 1 x 2 x 0,5 sw	insulated cores stranded in pairs	black	7,90	61,00	28,00
01110011	LI2YCYv (TP) 2 x 2 x 0,5 sw	insulated cores stranded in pairs	black	8,70	86,43	49,00
01110012	LI2YCYv (TP) 3 x 2 x 0,5 sw	insulated cores stranded in pairs	black	10,30	109,00	60,00
01110013	LI2YCYv (TP) 4 x 2 x 0,5 sw	insulated cores stranded in pairs	black	9,80	119,06	73,00
01110014	LI2YCYv (TP) 8 x 2 x 0,5 sw	insulated cores stranded in pairs	black	11,00	170,00	124,00
01110015	LI2YCYv (TP) 10 x 2 x 0,5 sw	insulated cores stranded in pairs	black	15,80	284,00	155,00
01110017	LI2YCYv (TP) 3 x 2 x 1 sw	insulated cores stranded in pairs	black	12,60	187,00	103,00