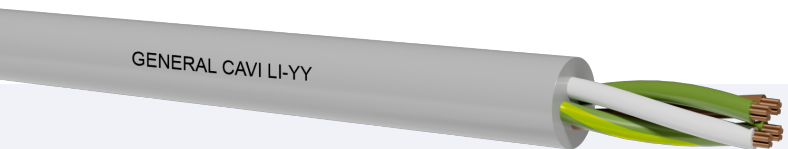


Li-YY

[D][BE]

Model Product: 219 - 20230830



Class 5 flexible copper conductor.
PVC Insulation in T12 quality.
Assembling with polyester tape
PVC sheath in TM2 quality.

STANDARDS

VDE 0472 / VDE 0295 / VDE 0290
VDE 0281 / VDE 0245 / EIA RS 485
IEC 60332

Accordingly to the standards BT 2014/35/UE- 2011/65/EU (RoHS 2)

COMMON FEATURES

Data system connection, monitoring, signalling and control

EMPLOYMENT

Minimum bending radius per D cable diameter (in mm):
Minimum bending radius: 20 x external diameter (mobile installation).
10 x external diameter (fixed installation)
Maximum pulling stress:

PACKING

100m rings in thermoplastic film.
Drums 500 mt 1000 mt.

FLEXIBLE SIGNALLING and CONTROL TWISTED PAIR
CABLES FOR FIXED INSTALLATIONS WITH PVC
INSULATION, AND EXTERNAL SHEATH IN PVC

Nominal voltage U0: 250 V

Nominal voltage U: 250 V

Test voltage: 2000 V

Minimum installation and laying temperature: +5°C

Min. operating temperature (without mechanical shocks): -10°C

Minimum installation and laying temperature: +5°C

CORE COLOURS

Multicores: According to Tab. DIN47100.

SHEATH COLOUR

Grey RAL 7001.

INK MARKING

GENERAL CAVI LiYY - form x sect. - CEI 20 22II
[inner work order] [week/year] [progressive length]

NOTE

TEMPERATURE RANGE flexing: -5 +70°C
TEMPERATURE fixed installation without mechanical shocks: -40 +80°C
LSZH - Low Smoke Zero Halogen VERSION
Li-HH LSZH
insulation and sheath. Same section and number of conductor of standard
PVC version. Minimum Order Quantity request.

Li-YY

[D][BE]

Model Product: 219 - 20230830

Nominal Section	Conductor Number	Approx external production diameter	Approx cable weight	Nominal cross section	Conductor Number	Approx external diameter	Approx cable weight
(mmq)	(N°)	(mm)	(kg/km)	(mmq)	(N°)	(mm)	(kg/km)
Multicores							
0.25	2	4	22	0.50	2	4.9	34
0.25	3	4.2	26	0.50	3	5.2	41
0.25	4	4.5	30	0.50	4	5.6	49
0.25	5	4.9	38	0.50	5	6.1	60
0.25	6	5.3	43	0.50	6	6.7	69
0.25	7	5.3	44	0.50	7	6.7	74
0.25	8	5.9	58	0.50	8	7.6	95
0.25	10	6.6	60	0.50	10	8.6	105
0.25	12	6.8	68	0.50	12	8.9	120
0.34	2	4.6	29	0.75	2	5.3	42
0.34	3	4.9	35	0.75	3	5.6	51
0.34	4	5.3	41	0.75	4	6.1	62
0.34	5	5.7	51	0.75	5	6.7	75
0.34	6	6.2	58	0.75	6	7.5	90
0.34	7	6.2	61	0.75	7	7.5	98
0.34	8	7.1	80	0.75	8	8.3	118
0.34	10	8.0	87	0.75	10	9.6	139
0.34	12	8.3	99	0.75	12	9.9	159

Outer diameters are approximates and they can have variations of max +/- 3%.
Section 0,14mmq available only on request.