

Technical data

CODE:

244205, 244210

PRODUCT:

FLAT FLEXIBLE CABLE

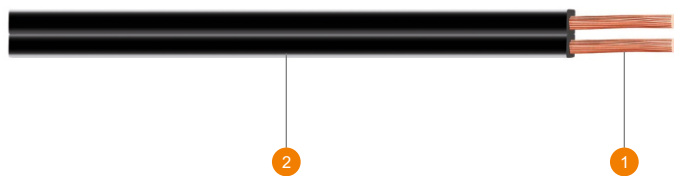
NOTE:

TECHNICAL DATA

IMAGE:**LAST UPDATE:**

11/2021

FLAT FLEXIBLE CABLES



CONSTRUCTION

- 1 - Stranded plain or tinned copper conductors, class 6 acc. to ČSN EN 60228
- 2 - PVC insulation

Standard: PN-KV-058-99

Application

Application

The cable is designed for inner connections of devices and installations in households and offices, for light portable appliances. The cable is resistant to flame propagation according to the demands of fire technical characteristics given acc. to Decree No. 246/2001 Col. Installation of the product should only be carried out by personnel trained and qualified for electrical works. The product is designed according to recognized standards. Applicable rules of installation must be applied at all times.

PROPERTIES

Rated coltage U_0/U	300/300 V
Test voltage	2 kV
Maximal short-circuit temperature	+160°C
Maximal conductor operating temperature	+70°C
Temperature range for handling	from -15 *) up to +70°C for movable lead-ins from -40 *) up to +70°C for fixed cables
Minimal temperature for laying and manipulation	+5°C
Minimal storage temperature	-40°C
Colour of insulation	ČSN EN 50525-1
Flame spread resistance	ČSN EN 60332-1-2
CPR class	E _{ca}
Packaging	by agreement
Certificate	CE
RoHS	yes
REACH	yes

Note: *) Cable must not be mechanically stressed, if temperature drops below -15 °C.

Mechanical and electrical properties

NO. OF CORES AND CROSS-SECTION	SHAPE OF CONDUCTOR	NOMINAL INSULATION THICKNESS	DIAMETER APPROX.	CABLE MASS APPROX.	BENDING RADIUS	DC RESISTANCE AT 20°C PLAIN	CURRENT CARRYING CAP. IN AIR *)
mm ²		mm	mm	kg/km	mm	Ω/Km	A
2 x 0,35	RF	0,6	2,3 x 4,5	17,0	22,5	56,3	9,0
2 x 0,5	RF	0,8	3,0 x 5,9	30,0	29,5	38,3	11,5
2 x 0,75	RF	0,8	3,1 x 6,3	33,0	31,5	25,9	14,5
2 x 1	RF	0,8	3,3 x 6,6	40,0	33,0	19,5	17,0

Note: *) Values of current carrying capacity in air at +30 °C.

This data was prepared for informational purposes only and does not contain any representations, legally binding declarations or guarantees. Contractual obligations shall only come into effect after a written contract, detailing the terms and conditions, has been signed. A liability of nkt cables for the correctness of the information contained herein is excluded. The data shall not be handed out to third parties or disclosed in public documents. Any intellectual property rights remain with nkt cables and are reserved.