

COBREFLEX ATOX CABLE 70°C 450/750V CABLES FOR FIXED BUILDING AND INDUSTRIAL INSTALLATIONS



APPLICATION:

Suitable for installations in places with great affluence and movement of people, such as theaters, cinemas, shopping malls, hospitals, schools, etc.

CONDUCTOR:

Formed by bare copper wires, soft tempered, according to NBR NM 280, Class 5 stringing.

INSULATION:

Non-halogenated thermoplastic polyolefin compound, with special characteristics such as non-propagation of flame and low emission of smoke and toxic gases.

COLORS: ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■

PACKAGING:

Supplied in rolls or packed in wooden coils with dimensions proportional to the size of the requested bid.

APPLICABLE STANDARDS:

ABNT NBR 13248 - Power cables and insulated conductors without cover, non-halogenated and with low smoke emissions, for voltages up to 1 kV - Performance requirements;
ABNT NBR NM 280 - Insulated Cable Conductors (IEC 60228, MOD);



CONSTRUCTION DATA

Nominal conductor cross-section (mm ²)	Maximum diameter of wires in conductor* (mm)	Nominal insulation thickness (mm)	Nominal Outer Diameter (mm)	Maximum electrical resistance 20°C (Ω/km)	Minimum insulation resistance 20°C (MΩ/km)	Nominal net weight (kg/km)
1,5	0,26	0,7	2,9	13,30	53	19
2,5	0,26	0,8	3,6	7,98	49	29
4	0,31	0,8	4,0	4,95	40	44
6	0,31	0,8	4,6	3,30	34	61
10	0,41	1,0	6,2	1,91	33	100
16	0,41	1,0	7,3	1,21	25	150
25	0,41	1,2	9,0	0,780	25	228
35	0,41	1,2	10,2	0,554	22	306
50	0,41	1,4	12,1	0,386	22	438
70	0,51	1,4	13,9	0,272	18	608
95	0,51	1,6	16,0	0,206	18	809
120	0,51	1,6	17,9	0,161	16	1043
150	0,51	1,8	19,8	0,129	16	1272
185	0,51	2,0	22,0	0,106	16	1566
240	0,51	2,2	25,0	0,0801	16	2045
300	0,51	2,4	27,8	0,0641	15	2526