



250/250V FLEX PERMUTATOR

Reference standards

CEI 20-11
CEI 20-35
CEI 20-22 II
CEI 46-5

Cable description

Cables for plant connections with internal conductors insulated with PVC compound. Used wherever it is necessary to connect civil and industrial machines and systems.

Conductor

Annealed red copper with flexible round cord

Core isolation

Polyvinyl chloride (PVC) TI2 quality

Core colour

Brown / Blue / Yellow / Green / Black / Grey / Orange / Pink
Red / White / Purple / Light Green / Light Yellow / Light Brown / Light Blue

Sheath

Unsheathed cable

Technical specifications

Rated voltage: U_o/U: 250/250 V

Test voltage: 1500 V

Maximum operating temperature: 70° C

Minimum operating temperature: -10° C

Installation conditions

Recommended minimum bending radius: 15 times the cable diameter

Packaging

- Hanks 100 metres
- Wooden reel

Conductor number N°	Nominal section mmq	Approximate conductor diameter mm	Average insulation thickness mm	Maximum external diameter mm	Indicative weight Kg/km	Electrical resistance at 20° C. Maximum m Ω/Km
2	0,50	1,85	0,5	4,5	31	39
4	0,50	1,85	0,5	5,3	48	39
5	0,50	1,85	0,5	5,8	60	39
6	0,50	1,85	0,5	6,3	70	39
7	0,50	1,85	0,5	6,9	79	39
8	0,50	1,85	0,5	7,5	88	39
10	0,50	1,85	0,5	8,2	121	39
12	0,50	1,85	0,5	8,5	127	39
14	0,50	1,85	0,5	8,9	146	39