

MULTI-CONDUCTOR CABLES INSULATED IN TRANSPARENT FEP T180°C + PVC T90°C

BT--T	1992
BV--T	1992
BA--T	1992



Type of insulation:	FEP + PVC
Working temperature:	T 90°C for the sheath T 180°C for the cores
Type of conductor:	TIN-PLATED COPPER
Working voltage:	300/500 V
In conformity to the requirements of the directives:	2014/35/EU

Approval marks:

- BT--T:** version with parallel cores.
- BV--T:** version with twisted cores.
- BA--T:** version with steel wire rope.
- BS--T:** T70°C version, connectable to the plugs.

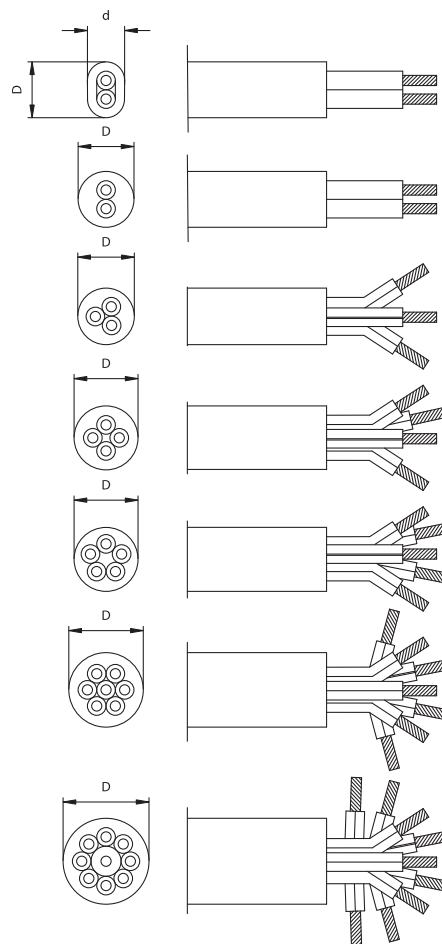
- Transparent sheath and cores.

Note: these cables are available also in version with insulated self-supporting steel wire rope, sect. 0,75 mm² with 90 kg breaking load (ref. art. BA--T).

Attention: in the three-pole cable the ground core is identified with a fiberglass strip in green and one in yellow positioned between the tin-plated copper conductor and the transparent FEP insulation. We suggest to indicate this peculiarity on the use instructions.

In the versions of cables with more than three cores, the identification of the cores is with coextruded lines of different colours (see table).

- IEMMEQU approval printing "FR5F", on the cores, only for the bipolar and three-pole cables.





- Sections and multiple table of the cores:

Code	Sections mm ²	Conductor strand	Cores colours*	Cores position	Shape	Dimension ±0,2 mm
BT20T	2 x 0,50	19 x 0,18	tt	P	round	ø 4,2
BTP7T	2 x 0,75	19 x 0,23	tt	P	flat	3,0 x 4,7
BT27T	2 x 0,75	19 x 0,23	tt	P	round	ø 4,7
BTQ7T	2 x 0,75	19 x 0,23	tg	P	round	ø 4,7
BV37T	3 x 0,75	19 x 0,23	ttg	C	round	ø 5,1
BVT7T	3 x 0,75	19 x 0,23	ttb	C	round	ø 5,1
BT37T	3 x 0,75	19 x 0,23	ttg	P	round	ø 5,4
BV47T	4 x 0,75	19 x 0,23	lm b g	C	round	ø 6,0
BVQ7T	4 x 0,75	19 x 0,23	lm b r	C	round	ø 6,0
BT47T	4 x 0,75	19 x 0,23	lm b g	P	round	ø 6,1
BTQ7T	4 x 0,75	19 x 0,23	lm b r	P	round	ø 6,0
BV57T	5 x 0,75	19 x 0,23	lm b r g	C	round	ø 6,3
BVC7T	5 x 0,75	19 x 0,23	lm b r n	C	round	ø 6,3
BV77T	7 x 0,75	19 x 0,23	lm b r h n g*	C	round	ø 6,8
BV97T	9 x 0,75	19 x 0,23	lm b r h n v t g*	C	round	ø 7,8
BT21T	2 x 1,00	19 x 0,26	tt	P	round	ø 5,2
BV31T	3 x 1,00	19 x 0,26	ttg	C	round	ø 5,3
BT25T	2 x 1,50	19 x 0,32	tt	P	round	ø 5,9
BV35T	3 x 1,50	19 x 0,32	ttg	C	round	ø 6,1
BV55T	5 x 1,50	19 x 0,32	lm b r g	C	round	ø 8,0
BV75T	7 x 1,50	19 x 0,32	lm b r h n g*	C	round	ø 9,0
BV95T	9 x 1,50	19 x 0,32	lm b r h n v t g*	C	round	ø 10,6
BT22T	2 x 2,50	37 x 0,287	tt	P	round	ø 6,9
BVQ2T	4 x 2,50	37 x 0,287	tt b b	C	round	ø 8,6

- Other sections and multiple on request.

- Sections and multiple table of the cores in the version with steel wire rope:

Code	Sections mm ²	Conductor strand	Cores colours*	Cores position	Shape	Dimension ±0,2 mm
BA27T	2 x 0,75	19x0,23	tt	C	round	ø 5,1
BA37T	3 x 0,75	19x0,23	ttg	C	round	ø 5,5
Note: attention, the insulated steel wire rope is twisted with the cores of the cable						
BA67T	6 x 0,75	19x0,23	lm b r n g	C	round	ø 6,9
Note: the insulated steel wire rope is in the centre and independent from the cores of the cable.						

- Other sections and multiple on request.

* Table of the lines colours to identify the cores:

l = blue m = brown v = green
n = black e = grey r = red
b = white h = yellow
t = transparent, without line g = yellow green
g* = yellow/green, full

* Cores position table:

P = parallel
C = twisted

