

## Spiral energy cables FS-05VQ-F, PUR sheathed



### Technical data:

Rated voltage $U_0/U$	300/500 [V]
Test voltage	2000 [V]
Operating temperature range	+5 to +70 [°C]

### Cable construction:

Conductors: stranded thin copper wires, class 5 acc. to IEC 60228  
Insulation: PVC T12 class acc. to EN 50363-3  
Colours of cores:  
    2-core cables: blue, brown  
    3-core cables: yellow-green, blue, brown  
Outer sheath: polyurethane type TMPU (PUR ether) acc. to EN 50363-10-2

### Additional qualities:

Good extensibility of the spiral part (tensile ratio 1:3,5)  
Good resistance to oils, microbes and hydrolysis  
Flame propagation resistance acc. to EN 60332-1-2

### Application:

For domestic and office use  
For ordinary duty applications  
In household appliances  
Possibly for use in damp premises  
Short-term outdoor use

### Normative references:

ZN-15/SIM/15 based on EN 50525-2-12

Catalogue number	No. of cores x cross-section [n x mm <sup>2</sup> ]	Cable diameter	Outer diameter of the spiral	Length of spiral part, unextended [mm]	Suggested max. extension length of the spiral part [mm]	Straight ends length	Colour
		(+/-0,1)mm	(+/-2)mm			(+20mm / +20mm)	
SPT00001B	2x0,75	6,6	24	100(+/-20)	350	300 / 300	white
SPT00002B	2x0,75	6,6	24	200(+/-20)	700	300 / 300	white
SPT00003B	2x0,75	6,6	24	300(+/-20)	1050	300 / 300	white
SPT00004B	2x0,75	6,6	24	500(+/-20)	1750	300 / 300	white
SPT00005B	2x0,75	6,6	24	800(+/-20)	2800	300 / 300	white
SPT00006B	2x0,75	6,6	24	1000(+/-30)	3500	300 / 300	white
SPT00007B	2x0,75	6,6	24	1500(+/-50)	5250	300 / 300	white
SPT00008B	2x1	7,0	25	100(+/-20)	350	300 / 300	white
SPT00009B	2x1	7,0	25	200(+/-20)	700	300 / 300	white
SPT00010B	2x1	7,0	25	300(+/-20)	1050	300 / 300	white
SPT00011B	2x1	7,0	25	500(+/-20)	1750	300 / 300	white
SPT00012B	2x1	7,0	25	800(+/-20)	2800	300 / 300	white
SPT00013B	2x1	7,0	25	1000(+/-30)	3500	300 / 300	white
SPT00014B	2x1	7,0	25	1500(+/-50)	5250	300 / 300	white
SPT00015B	2x1,5	8,0	27	100(+/-20)	350	300 / 300	white
SPT00016B	2x1,5	8,0	27	200(+/-20)	700	300 / 300	white
SPT00017B	2x1,5	8,0	27	300(+/-20)	1050	300 / 300	white
SPT00018B	2x1,5	8,0	27	500(+/-20)	1750	300 / 300	white
SPT00019B	2x1,5	8,0	27	800(+/-20)	2800	300 / 300	white
SPT00020B	2x1,5	8,0	27	1000(+/-30)	3500	300 / 300	white
SPT00021B	2x1,5	8,0	27	1500(+/-50)	5250	300 / 300	white
SPT00022B	3x0,75	7,15	25	100(+/-20)	350	300 / 300	white
SPT00023B	3x0,75	7,15	25	200(+/-20)	700	300 / 300	white
SPT00024B	3x0,75	7,15	25	300(+/-20)	1050	300 / 300	white
SPT00025B	3x0,75	7,15	25	500(+/-20)	1750	300 / 300	white
SPT00026B	3x0,75	7,15	25	800(+/-20)	2800	300 / 300	white
SPT00027B	3x0,75	7,15	25	1000(+/-30)	3500	300 / 300	white
SPT00028B	3x0,75	7,15	25	1500(+/-50)	5250	300 / 300	white
SPT00029B	3x1	7,5	26	100(+/-20)	350	300 / 300	white
SPT00030B	3x1	7,5	26	200(+/-20)	700	300 / 300	white
SPT00031B	3x1	7,5	26	300(+/-20)	1050	300 / 300	white
SPT00032B	3x1	7,5	26	500(+/-20)	1750	300 / 300	white
SPT00033B	3x1	7,5	26	800(+/-20)	2800	300 / 300	white
SPT00034B	3x1	7,5	26	1000(+/-30)	3500	300 / 300	white
SPT00035B	3x1	7,5	26	1500(+/-50)	5250	300 / 300	white
SPT00036B	3x1,5	8,2	27	100(+/-20)	350	300 / 300	white
SPT00037B	3x1,5	8,2	27	200(+/-20)	700	300 / 300	white
SPT00038B	3x1,5	8,2	27	300(+/-20)	1050	300 / 300	white
SPT00039B	3x1,5	8,2	27	500(+/-20)	1750	300 / 300	white
SPT00040B	3x1,5	8,2	27	800(+/-20)	2800	300 / 300	white
SPT00041B	3x1,5	8,2	27	1000(+/-30)	3500	300 / 300	white
SPT00042B	3x1,5	8,2	27	1500(+/-50)	5250	300 / 300	white

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