

Spiral cables



Cable structure

- Stranded bare copper conductors according to DIN VDE 0295 and IEC 60228 cl. 5
- Core insulation can be from PVC, TPE, EPR
- Cores twisted
- Color coded cores according to VDE 0293 or DIN 47100
- PUR outer sheath
- Standard sheath colors – black, orange
- Standard materials and colors of sheath are PVC/PUR black, TPE/PUR black, EPR/PUR (H05BQ-F, H07BQ-F) orange
- Other colors and types are available on request

Characteristics

Extensively resistant to chemicals, low temperatures and weather conditions. Resistant to tearing and abrasion and extensively oil resistant.

Elasticity ratio

PVC/PUR black approx 1 : 4

EPR/PUR orange approx 1 : 5

TPE/PUR black approx 1 : 4

Technical data

Temperature range

PVC/PUR spiral from -5 °C to +80 °C

EPR/PUR spiral from -25 °C to +80 °C

TPE/PUR spiral from -30 °C to +80 °C

- **Nominal voltage** 300/500 V, for type H07 BQ-F 450/750 V

- **Nominal voltage** for TPE/PUR spiral is 300 V

- **Test voltage a.c.** 2000 V, for type H07 BQ-F 2500 V

Application

Machine industry, power tools, construction industry, consumer electronics, mobile equipment etc.

Part No.			Number of cores x core cross-section [mm ²]	Approx. outer Ø [mm]
TPE/PUR	PVC/PUR	EPR/PUR		
01834--			2 × 0,14	12-19
01835--			3 × 0,14	13-20
01836--			4 × 0,14	13-20
01837--			5 × 0,14	14-21
01838--			6 × 0,14	16-21
01839--			7 × 0,14	17-22
01840--			2 × 0,25	13-20
01841--			3 × 0,25	13-20
01842--			4 × 0,25	14-21
01843--			5 × 0,25	17-22
01844--			6 × 0,25	18-23
01845--			8 × 0,25	22-27
01846--			2 × 0,5	17-22
01847--			3 × 0,5	17-22
01848--			4 × 0,5	18-23
01849--			5 × 0,5	19-24
01850--			6 × 0,5	20-25
01851--			8 × 0,5	24-29
	01812--	01852--	2 × 0,75	21-23
	01813--	01853--	3 × 0,75	25-27
	01814--	01854--	4 × 0,75	26-28
	01815--	01855--	5 × 0,75	32-34
	01816--	01856--	2 × 1	24-26
	01817--	01857--	3 × 1	25-27
	01818--	01858--	4 × 1	31-33
	01819--	01859--	5 × 1	31-33
	01820--	01860--	7 × 1	40-44
	01821--	01861--	2 × 1,5	24-26
	01822--	01862--	3 × 1,5	31-33
	01823--	01863--	4 × 1,5	32-37
	01824--	01864--	5 × 1,5	39-44
	01825--	01865--	7 × 1,5	49-52
	01826--	01866--	3 × 2,5	40-44
		01867--	4 × 2,5	40-45
		01868--	5 × 2,5	44-49

Other cross-sections and number of cores are available on request.

Closed spiral length	Addition to order code
200 mm	----01
300 mm	----02
400 mm	----03
500 mm	----04
600 mm	----05
700 mm	----06
800 mm	----07
900 mm	----08
1000 mm	----09
1100 mm	----10
1200 mm	----11
1300 mm	----12
1400 mm	----13
1500 mm	----14
1600 mm	----15
1700 mm	----16
1800 mm	----17
1900 mm	----18
2000 mm	----19
2100 mm	----20
2200 mm	----21
2300 mm	----22
2400 mm	----23
2500 mm	----24
2600 mm	----25
2700 mm	----26
2800 mm	----27
2900 mm	----28
3000 mm	----29