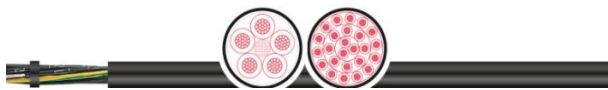




Becatech

Interconnective Power



Power tray cable (TC-ER)

Cable Structure :

Conductor: flexible bare copper according to IEC 60228 (class 6).

Insulation: PVC.

Outer sheath: PVC.

Technical Specification :

Rated temperature fixed: -40°C to 90°C.

Rated temperature moved: -5°C to 90°C.

Rated bending radius fixed: $4 \times \varnothing$.

Rated bending radius moved: $7.5 \times \varnothing < 10\text{m TL} / 10 \times \varnothing \geq 10\text{m TL}$.

Flame retardant according to IEC 60332-1.

Oil-resistant according to UL OIL RES I and water-resistant, UL wet approval 75°C.

UV-resistant.

UL/CSA approval.

Application :

As highly flexible connection and control cable for high electrical and normal mechanical requirements in cable drag chains and motion drive systems in machine and plant construction.

TC-ER and MTW approvals enable open wiring on cable trays as well as the usage for industrial machines with only one cable.

Becatech B.V.
Middenweg 18
3930 Hamont-Achel

info@becatech.be
www.becatech.be
+32 (0)11 19 29 45

IBAN BE89363217265185
VAT BE0777.903.079
CoC 0777.903.079



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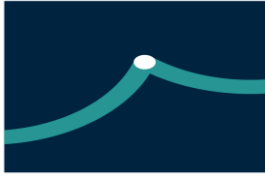
Interconnective Power

Core x mm ²	AWG	Overall Diameter mm	Cu Index (kg/km)	Weight (kg/1000)
2x1	18	8.0	19.2	90
3g1	18	8.6	28.8	111
4g1	18	9.3	38.4	133
5g1	18	10.3	48.0	161
7g1	18	12.3	67.2	223
12g1	18	15.1	115.2	355
18g1	18	17.6	172.8	494
25g1	18	20.9	240.0	696
2x1.5	16	8.6	28.8	109
3g1.5	16	9.3	43.2	136
4g1.5	16	10.0	57.6	163
5g1.5	16	11.2	72.0	199
7g1.5	16	14.1	100.8	277
12g1.5	16	16.4	172.8	446
18g1.5	16	19.2	259.2	627
25g1.5	16	23.7	360.0	938
2x2.5	14	9.4	48.0	141
3g2.5	14	10.2	72.0	179
4g2.5	14	11.0	96.0	217
5g2.5	14	12.3	120.0	265
7g2.5	14	15.5	168.0	400
12g2.5	14	18.1	288.0	603
3g4	12	11.6	115.2	247
4g4	12	12.6	153.6	304
5g4	12	14.9	192.0	398
7g4	12	17.8	268.8	574
3g6	10	13.1	172.8	358
4g6	10	15.0	230.4	438
5g6	10	16.8	288.0	537
4g10	8	19.3	384.0	727
5g10	8	22.7	480.0	951
4g16	6	24.8	614.4	1185
5g16	6	27.9	768.0	1465
4g25	4	27.7	960.0	1617
4g35	2	32.2	1344.0	2227

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