



Becatech

Interconnective Power



**Universal powerflex plus
cable (YMvKf)**

Cable Structure :

Conductor: flexible electrolytic copper according to IEC 60228.

Insulation: cross-linked polyethylene.

Outer sheath: flexible PVC type ST2 according to IEC 60502-1.

Core identification:

- One core: black.
- Two cores: blue, brown.
- Three cores: blue, brown, grey.
- Four cores: black, brown, grey, green/yellow.
- Five cores: brown, black, grey, blue, green/yellow.

Technical Specification :

Rated temperature: -40°C to 90°C.

Rated bending radius: 5 x ϕ .

Fire behaviour:

- Fire non-propagation according to IEC 60332-3-24.
- Flame non-propagation according to IEC 60332-1.
- Reaction to fire CPR : Cca-s2, d2, a3 according to EN 50575.
- Reduced halogen emission, chlorine < 15%.

Application :

Is for industrial use, can be used in open air, in conduit and can be buried.

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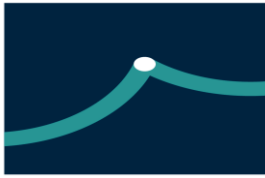
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Core x mm ²	Overall Diameter mm	Weight (kg/km)
1x10	8.2	145
1x16	9.2	200
1x25	10.9	295
1x35	11.8	385
1x50	13.6	525
1x70	15.4	715
1x95	17.5	925
1x120	19.1	1160
1x150	21.3	1440
1x185	23.4	1735
1x240	26.2	2260
1x300	29.1	2860
1x400	33.8	3765
1x500	37.5	4805
1x630	43.7	6340
2x10	15.4	410
2x16	17.1	555
2x25	20.6	815
2x35	22.9	1070
3g10	16.1	495
3x16	18.1	690
3x25	21.4	1015
3x35	23.8	1340
3x50	27.6	1840
3x70	30.3	2460
3x95	35.6	3245
3x120	39.8	4105
3x150	43.9	5080
3x185	48.6	6160
3x240	54.7	8020
3x16 + 1x10	19.1	795
3x25 + 1x16	23.9	1165
3x35 + 1x25	25.3	1580
3x50 + 1x25	28.8	2060

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3x70 + 1x35	32.9	2810
3x95 + 1x50	37.1	3675
4g10	17.5	660
4g16	19.7	850
4g25	23.2	1250
4g35	25.4	1655
4g50	30.8	2310
4g70	35.4	3175
4g95	39.2	4095
4g120	44.4	5215
4g150	48.7	6460
4g185	54.2	7860
4g240	61.5	10265
5g10	19.0	720
5g16	21.6	1030
5g25	25.9	1540
5g35	28.3	2035
5g50	34.0	2830
5g70	38.5	3880
5g95	44.2	5070
5g120	48.7	6395
5g150	53.9	7930
5g185	60.5	9660
5g240	68.6	12635

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