



Becatech

Interconnective Power



Halogen free flexible aluminum power cable (YMz1K ss Alu Cca)

Cable Structure :

Conductor: aluminum compacted multi-string conductor according to IEC 60228 (class 5).

Insulation: XLPE according to IEC 60502 HD 604-5-C.

Inner/ outer sheath: halogen free compound according to IEC 60502 HD 604-5-C.

Technical Specification :

Rated conductor temperature: 90°C.

Rated temperature installation: 0°C to 50°C.

Rated temperature: -20°C to 80°C.

Rated bending radius:

- During installation: 10 x ϕ .
- After installation: 8 x ϕ .

Fire behaviour:

- Flame retardant according to IEC 60332-1 & IEC 60332-3-24.
- Halogen free according to IEC 60754-2.
- Smoke density according to IEC 61034.
- CPR classification according to Cca-s1, d1, a1.

Application :

Suitable for laying in cable and floor gutter in non-residential construction such as offices, factories and shops.

Can also be used in public areas such as hospitals, cinemas and town halls.



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Core x mm ²	Overall Diameter mm	Weight (kg/km)
1x240	28.6	1077
5g10	20.4	509
5g16	23.1	660
5g25	27.7	957
5g35	32.7	1230
5g50	37.1	1695
5g70	43.0	2277
5g95	48.0	2855
5g120	53.6	3557
5g150	59.7	4386
5g185	66.5	5393
5g240	75.0	6883

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