

KJAAM-HF C

Instrumentation cable-HF

300 V



Instrumentation cable for fixed installations indoors and outdoors. Not to be laid in soil nor directly in cast concrete. Can also be used in medical facilities where higher fire class is required. EMC shielded cable gives an excellent protection against electromagnetic disturbances. Installations must be in accordance with national regulations and rules of installations. The cable is halogen-free and flame-retardant according to CPR-class Cca-s1,d1,a1.

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| Additional information | Maximum DC resistance of conductor pair at 20 °C 81,0 Ω/km (0,5 mm ²) Testing voltage 1 kV AC Nominal mutual capacitance 80 nF/km Maximum mutual capacitance 150 nF/km Nominal inductance (L) 600 µH/km Maximum inductance to resistance ratio (L/R) 25 µH/Ω |
| Standards | EN 50288-7 |
| Reaction to fire | Cca-s1,d1,a1; EN 13501-6, EN 50575:2014+A1:2016 |
| Conductor | Circular stranded tinned copper, EN/IEC 60228 class 2 |
| Insulation | Polyethylene compound |
| Core identification | Bluered |
| Oversheath | UV-protected polyolefin compound, Grey |
| Size | 12x(2+1)x0,5 GY |
| Product code | 1147182 |
| Nominal cable diameter mm | 18 |
| Nominal cable weight kg/km | 413 |
| During handling and installation, cable cm | 28 |
| In final installation, cable cm | 19 |
| Max. DC resistance of conductor at 20 °C Ω/km | 37,4 |
| Max. conductor temperature °C | 70 |
| Max. cond. temp. short circuit max. 5 s °C | 160 |
| Min. cable temperature during handling °C | -10 |
| standard packing m | Drum 500 |
| Electricity number | 6438176304907 |
| EAN code | 6438176304907 |