



Z1C4Z1-K(AS) 0.6/1kV

Application and Description

The screened and halogen free cable is a high security cable. In case of fire, it does not emit toxic or corrosive gases, thereby protecting public health and avoiding any possible damage to electronic equipment. For this reason, its use is recommended for public places and for all installations where it is necessary avoid electric interference of nearby circuits.

Standard and Approval

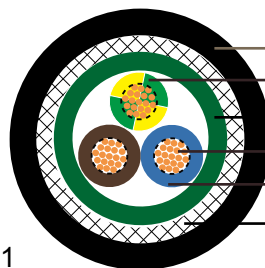
UNE 21123-4, IEC 60502, EN 60332-1, EN 50266, EN 50267-1, EN 50267-2, EN 61034, IEC 60332-1, IEC 60332-3, IEC 60754-1, IEC 60754-2, IEC 61034

Cable Construction

- Flexible electrolytic annealed copper conductor
- Class 5 in accordance with IEC 60228.
- Halogen free polyolefin insulation
- Color coded to HD 308, 6 or more conductors: black numbered + green/yellow
- Polyester tape separator
- High coverage tinned copper braided screen
- Polyolefin outer sheath according to UNE 21123

Technical Characteristics

- Working voltage: 600/1000 volts
- Test voltage: 2000 volts
- Minimum bending radius: 5 x Ø
- Working temperature: -15° C to +70° C
- Short circuit temperature: +160° C
- Insulation resistance: 20 MΩ x km
- Halogen free: IEC 60754-1, EN 50267-2-1
- No corrosive gases: IEC 60754-2, EN 50267-2-2
- No toxic gases: NES 02-713, NF X 70-100
- Low smoke density: IEC 61034, EN 50268-2
- Flame retardant: IEC 60332-1, EN 50265-2-1
- Non-flame propagating: IEC 60332-3, EN 50266-2



- Polyolefin outer sheath
- Green/Yellow wire
- Polyester tape separator
- Electrolytic annealed copper conductor
- Halogen free polyolefin insulation
- Tinned copper braided

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Cable Parameter

AWG	No. of Cores x Nominal Cross Sectional Area # x mm²	Nominal Overall Diameter mm	Nominal Weight kg/km
16(30/30)	7G1.5	12.0	205
16(30/30)	12G1.5	15.4	316
16(30/30)	14G1.5	16.3	358
16(30/30)	16G1.5	17.2	402
16(30/30)	19G1.5	18.1	462
16(30/30)	24G1.5	21.1	578
16(30/30)	27G1.5	21.6	647
14(50/30)	7G2.5	14.0	295
14(50/30)	12G2.5	18.4	463
14(50/30)	14G2.5	19.3	531
14(50/30)	16G2.5	20.4	595
14(50/30)	19G2.5	21.6	702
14(50/30)	24G2.5	25.4	873
14(50/30)	27G2.5	26.0	977