



Fumo Telecommunications
POWER OF CONNECTION

GLUC8o-6ACA

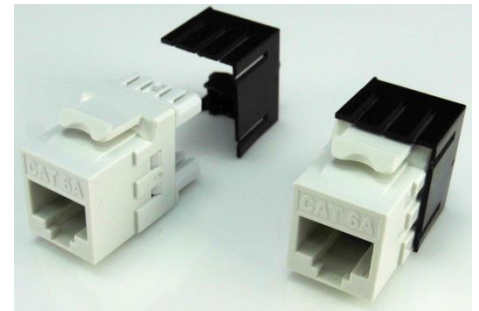
Cat6A 180 Degree Keystone Jack

SPECIFICATION

- Meets TIA/EIA-568B-C.2 Cat6A (500MHz) Channel and 15M short Permanent Link requirements.
- IDC Type: Dual

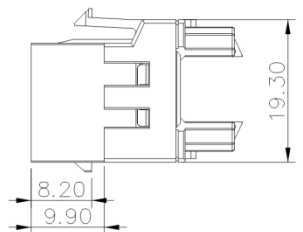
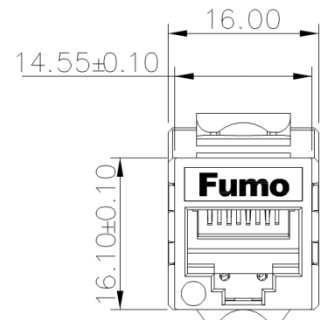
Electrical

- Insulation Resistance: 500 MΩhm minimum @ 100 Vdc
- Dielectric Withstanding Voltage: 1000 Vac rms @ 60Hz for one minute
- Current Rating: 1.5 Amps
- Spring wire contact resistance: 20 MΩhm maximum
- IDC Contact resistance: 2.5 MΩhm maximum



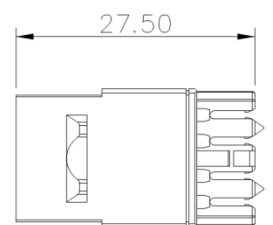
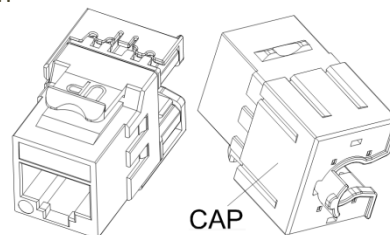
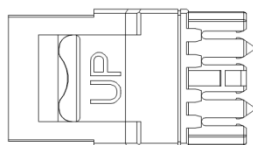
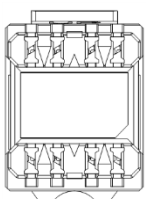
Mechanical

- Total Contact force : >100 GRAMS per contact wire lead North American: TIA-568-C.2 Cat.6
- Retention : 50 N(11 lbf) for 60s ± 5s
- Durability : 750 cycles minimum
- Conductor compatibility : 22-24AWG
- Temperature range storage : -40° C ~ +70 C
- Temperature range operation : -10° C ~ +60 C
- Relative humidity operation : Maximum noncondensing 93%



Materials

- Housing: High Impact flame retardant plastic, UL 94 V-0 Rated
- PCB : FR4, 1.6mm thickness
- Spring wire : Phosphor Bronze Alloy plated with 50 micro-inch of gold over 70 ~ 100 micro-inch of nickel
- IDC : Phosphor Bronze alloy plated with 100 micro-inch of tin



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