



Physical Specification

Coupler housing: ABS high-impact UL94V-0 thermoplastic
 Spring wire: Phosphor Bronze 5100W temper wire, $\phi=0.45\text{mm}$,
 50u" Gold over 100u" Nickel undercoat
 Insertion life: 750 mating cycles with FCC compliant RJ-45 plug
 Contact force: 100 grams with FCC compliant RJ-45 plug
 Plug retention force: 11 lbf min
 Contact compatibility: Accommodates 22 to 26 AWG solid / 24 AWG stranded
 Operating temperature range: -10°C to 60°C
 Storage temperature range: -40°C to 68°C
 Humidity: 10%~90%RH

Electrical

Insulation resistance: 500 M Ω
 Dielectric withstanding voltage: 1000 V
 DC current rating: 1.5 Amps
 DC resistance: 0.1 Ω
 Contact resistance: 20m Ω

Cat 6a
 ACCORDING TO TIA/EIA-568-B.2-10
 REQUIREMENTS



TOLERANCE				
~20	~50	~150	150~	ANGLE
± 0.20	± 0.40	± 0.50	± 1.50	$\pm 2^{\circ}$

Scale	2:1	ALL COPY RIGHTS RESERVED	
3rd Angle Projection		Tri-Net Technology, Inc.	
Unit	mm	Title	
Material		080-88S-SI-C6A-YY	
Color		Drawn by	Checked by
Date	2007/1/17	Alan Chuo	