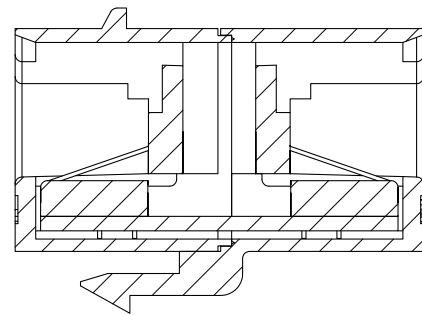
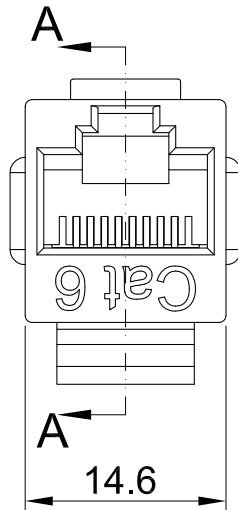
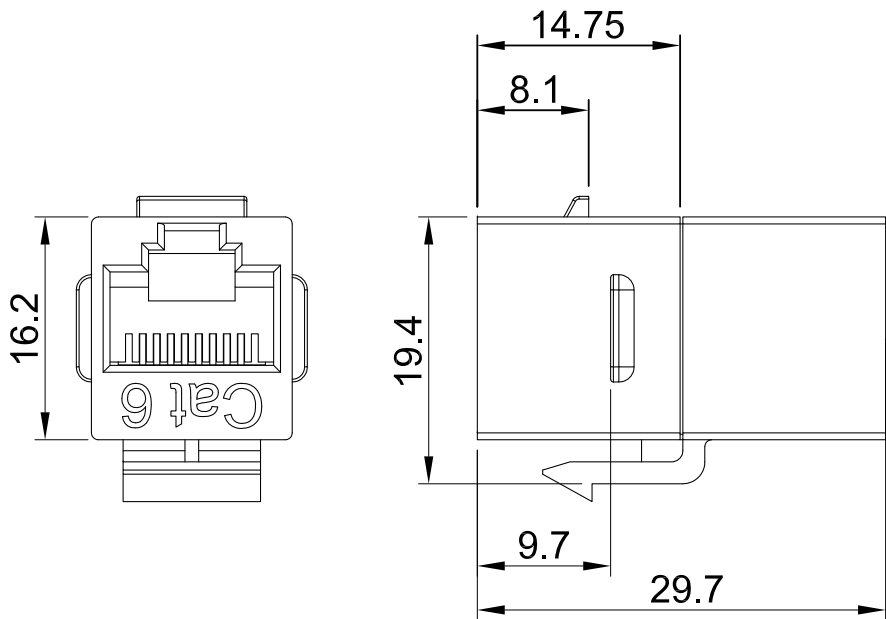


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REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	8/6/25	CHILLY. L



SECTION A-A

MATERIAL

Coupler Housing: ABS high-impact thermoplastic
Spring Wire: Phosphor Bronze, T=0.3mm, 50u" Gold over 100u" Nickel undercoat Contact
Holder: PBT high-impact thermoplastic

Physical Characteristics

Insertion Life: 750 Mating cycles
Contact Force: 100 Grams
Plug Retention Force: 11 LBF Min.
Operating Temperature Range: -10 C to 60 C
Storage Temperature Range: -40 C to 68 C
Humidity: 10% ~ 90% RH

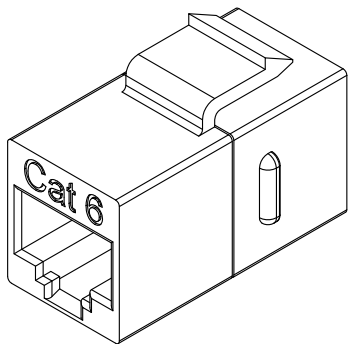
ELECTRICAL

Insulation Resistance: 500 mΩ
Dielectric Withstanding Voltage: 1000 V
DC Current Rating: 1.5 Amps
DC Resistance: 0.1 Ω
Contact Resistance: 20 mΩ

MountingType

Cable Mount, Wall Plate, Patch Panel

UNIT: MM



Part Number Table

PART NUMBER	DESCRIPTION	DWG. NO.
RJ45-6C-BK	Cat.6 RJ45 Inline Coupler unshielded, Black	J0079
RJ45-6C-BL	Cat.6 RJ45 Inline Coupler unshielded, Blue	J0080
RJ45-6C-GN	Cat.6 RJ45 Inline Coupler unshielded, Green	J0081
RJ45-6C-GY	Cat.6 RJ45 Inline Coupler unshielded, Gray	J0082
RJ45-6C-OR	Cat.6 RJ45 Inline Coupler unshielded, Orange	J0083
RJ45-6C-PU	Cat.6 RJ45 Inline Coupler unshielded, Purple	J0084
RJ45-6C-RD	Cat.6 RJ45 Inline Coupler unshielded, Red	J0085
RJ45-6C-WT	Cat.6 RJ45 Inline Coupler unshielded, White	J0086
RJ45-6C-YW	Cat.6 RJ45 Inline Coupler unshielded, Yellow	J0087

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] OVERALL CABLE LENGTH TOLERANCE: ≤12 [305] = +1 [25] / -0 >12 [305] ≤60 [1524] = +2 [51] / -0 >60 [1524] ≤120 [3048] = +4 [102] / -0 >120 [3048] ≤300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0% ALL OTHER DIMENSIONAL TOLERANCES: .X = .3 .XX = .15 PROJECTION 	APPROVALS	DATE	EASE Ease Electronics Co., Limited Zone A, 2nd Floor, Bldg A, No.45, Qianjin 3rd Rd, Tanzhou, 528467 Zhongshan, Guangdong, China. +86-756-58 8881 0			
	DRAWN BY LUKE. L	6/6/2025				
	CHECKED BY TILLY. H	6/6/2025				
	APPROVED BY CHILLY. L	7/6/2025				
CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY			PART NUMBER RJ45-6C-BL			
COLOR VARIATIONS MAY OCCUR			PRODUCT DESCRIPTION Cat.6 RJ45 Inline Coupler unshielded, Blue			
REF			ID J	SERIES NO. RJ45-C	DWG. NO. J0080	REV. J
			SCALE: NONE		CAD FILE: J0080	SHEET 1 OF 1