



Specification:

Material :

1. Base case: 1.6m/m SPCC, Black color painting.
2. RJ45 Housing: PBT, UL 94V-0.
3. RJ45 Contact material & finished:
  - 3-1. Phosphor Bronze with 50-60 micro-inch Nickel plated.
  - 3-2. Contact area: Min. 3mm 6 micro-inch Gold plated.
4. IDC Housing: PC, UL 94V-2.
5. IDC Terminal material & finished :
  - 5-1. Phosphor Bronze with 50 micro-inch Tin-Lead plated over 50-60 micro-inch Nickel plated.
  - 5-2. Use for 22-26 AWG stranded and solid wire.

Performance :

- a. Operation Temperature : -40°C to 80°C.
- b. Insertion Force : 900 gms for 8 contacts.
- c. Retention Strength : 7.7 kgs between Jack and Plug.
- d. Durability :
  - d-1. Jack : 750 cycles Plug-Jack mating and unmating test, insertion cycles at 20 cycles/minute max. Contact resistance test per 100 cycles.
  - d-2. IDC : Max. 200 punching times.

"Products manufactured for E-NET" Detailed Specifications for the Manufacturer

GENERAL TOLERANCE OF DIMENSIONS X.XXX ±0.005 X.XX ±0.05 X.X ±0.1	DRAWING				 european netconnect
	CHECK				
	APPROVAL				
	DATE	NAME	ITEM NO.: E2052		
SCALE	1/4 (A4)	UNIT	mm	DES.: Cat.3 Patch Panel 50 Ports	
	DRAWING NO.				
	DRAWING CLASSIFICATION		S	SHEET	1 OF 1

