



### Technical Specifications

<b>Insulation</b>	Material	HDPE
	Diameter	0.63±0.03 mm
<b>Conductor</b>	Material	Stranded bare copper
	Diameter	7/0.12 ±0.005mm
	AWG:	28
<b>Out jacket</b>	Material	LSOH/PVC
	Thickness	0.5mm (Average)
	Diameter	3.8 ± 3 mm
	Color	Blue/Yellow/White/Red/Green /Grey
<b>Electrical</b>	Linear resistance	≤ 24 Ω /100m
	insulation resistance	≥ 5000M Ω· km
	Dielectric Strength	DC.1kV.1min no breakdown
	Operating Temperature:	-20°C to 60°C
<b>Connectors</b>	Plug	CAT 6 A UTP RJ45 Plug
	Durability	>750 mating cycles
<b>Physical Characteristics</b>	Insulation Tensile strength	≥ 16MPa
	Insulation Elongation ratio	≥ 300%
	LSZH Jacket Tensile strength LSZH	≥ 10MPa
	LSZH Jacket Elongation ratio LSZH	≥ 125%
	PVC Jacket Tensile strength PVC	≥ 13.5MPa
	PVC Jacket Elongation ratio PVC	≥ 150%
<b>Standards</b>	ISO/IEC 11801 TIA568.2D EN50173 IEC60603-7 RoHS 2011/65/EU REACH EC 1907/2006	
<b>Install info</b>	Bending radius	≥10×out diameter
	working temperature	-20°C to 60°C

### Ordering Information

Part Number	Description
GN-28C6A-UTP-LSOH-PC-XX-YYY	Giganet Category 28 AWG,cat6A ,UTP LSOH Patch Cords
GN-28C6A-UTP-PVC-PC-XX-YYY	Giganet Category 28 AWG,cat6A ,UTP PVC Patch Cords

XX is Length in Meters

05,01,03,05,10,20,30

YYY is Color

GRY=Grey, BLU=Blue, GRN=Green, RED=Red YEL=Yellow

