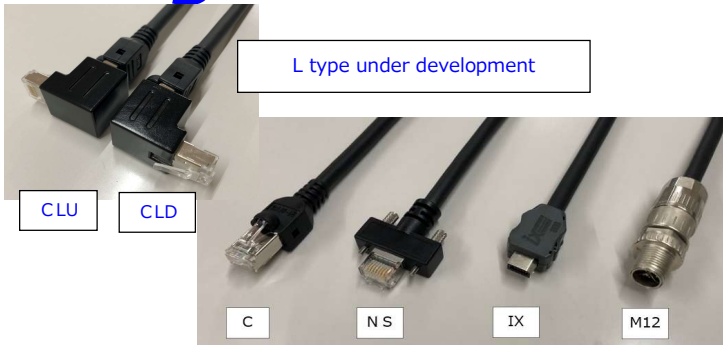


# GigE Interface



★ Cat5e, Cat6A standard. The high-speed transmission of 10Gbps.

★ For image transmission of machine vision camera Interface use

★ Robot applications

★ Double shield structure as a noise countermeasure

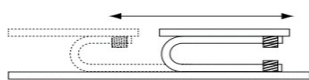
★ GS cable is flexible and has a small diameter

I / F Product name						
N	□	△△	▲▲	◆	◇	■ ■
NISSEI Manufacturing	Transmission standard	Connector	Connector	Wiring Chart	Cable	Total length (m)
	G	Please select from a connector list.	Please select from a connector list.	S T C R	Please select from a cable list.	Inner length of connector
※Example Product name NGCNSSTK 3 m						

Transmission standard	
G	Gigabit Ethernet
Wiring Chart	
S T	T I A 5 6 8 B (A) Straight
C R	T I A 5 6 8 B (A) Cross
Connector	
C	RJ45 (EMI) Straight + Boots
CLU	R J 4 5 L type UP under development
CLD	R J 4 5 L type Down under development
NS ※1	RJ45 (EMI) Straight (Thumb Screw)
IX	IX
M12 *	M12 (* : CODE)
※1 NS for GS cable is under development.	

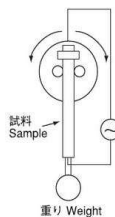
S T			C R			Cable Structure
NO	Cable	NO	NO	Cable	NO	
1	W/O	1	1	W/O	3	
2	O	2	2	O	6	
3	W/G	3	3	W/G	1	
4	B	4	4	B	7	
5	W/B	5	5	W/B	8	
6	G	6	6	G	2	
7	W/B r	7	7	W/B r	4	
8	B r	8	8	B r	5	

Cable					
Product name	Application	Diameter Color	Standard	oil-resistant characteristic	max Cable length 【Guideline】
S	Standard · For fixing	6.7φ Gray	UL20276 80℃ 30V RoHS	JIS K 6723 (Resistance to oil PVC)	90m (Cat5e)
K	Robot	6.7φ Black			35m (Cat5e)
G	High Robot	6.7φ Black			25m (Cat5e)
G S	Small · High Robot	4.0φ Black			20m (Cat5e)
6 G	High Robot	5.9φ Black			35m (Cat6A)
6 G S	Small · High Robot	4.0φ Black			20m (Cat6A)



## U-bending test

Stroke : 0.8m Round trip  
Bending Radius : 24mm  
Acceleration : 4G  
: 35 million completion  
completed Good  
Continue to 50 million times



## Bending test

Angle: : -90°~+90  
Weight : 500g  
Bending Radius : 24mm  
Speed : 60times/min  
: 20 million completion  
completed Good



## Twisting test

Angle: : -200°~+200°  
Weight : 500g  
Length : 100 mm  
Speed: 60 times / min  
: 20 million completion  
completed Good

Note: It is a test value, not a guaranteed value

The transmission characteristics of this product might change depend on the connected device and operating condition or environment. Please make sure that your device works correctly with our product being connected to your device before using this product.