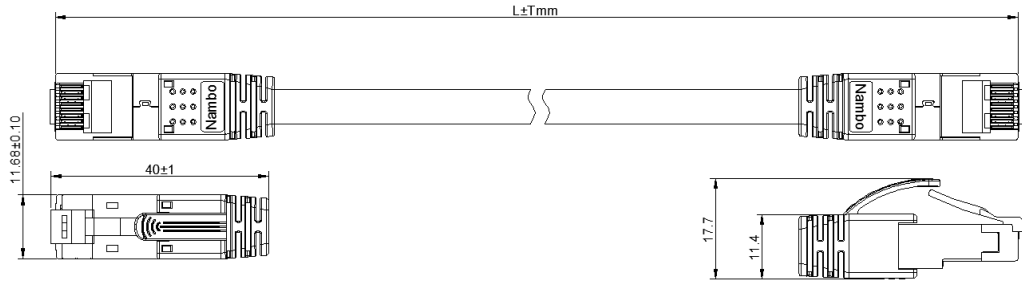


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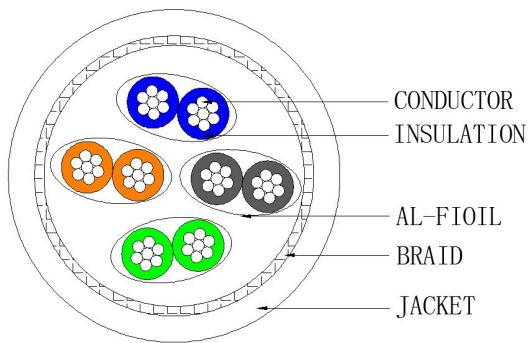
Cat.6A S/FTP 26AWG TPE



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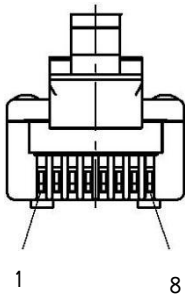


Cable Color	GREY	GREEN	YELLOW	BLUE	RED	WHITE	BLACK	MAGENTA	ORANGE
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Cable structure diagram

RJ45		RJ45
white-orange	_____	white-orange
orange	_____	orange
white-green	_____	white-green
blue	_____	blue
white-blue	_____	white-blue
green	_____	green
white-brown	_____	white-brown
brown	_____	brown
shell	_____	shell



- 1 white-orange
- 2 orange
- 3 white-green
- 4 blue
- 5 white-blue
- 6 green
- 7 white-brown
- 8 brown

Connection Diagram 1:1 Pin assignment acc. to ANSI/TIA 568B

Data sheet : N600-xxT138-xx

Cat.6A S/FTP 26AWG TPE



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Technical Data

Standards compliant

ISO/IEC 11801-2018	Class Ea
EN 50173-2018	Class Ea
ANSI/TIA-568.2-D-2018	Category 6A
according to IEEE 802.3af/at/bt	PoE/ PoE + / PoE++ (max. 50m)
10 Gigabit Ethernet acc. to IEEE 802.3an	Adequate for 10 gigabit Ethernet
Current carrying capacity at 50°C	1A
UL Standard for Communication circuit Accessories	UL 1863

Chemical

RoHS 2011/65/EU&(EU)2015/863	REACH (SVHC 219)
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Electrical

Insulation resistance	DC 250V 20MΩ Min
Contact resistance	30Ω Max

Connector

Standard	IEC 60603-7-51
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Protection against ingress

Particulate ingress	IP2X
Water / Immersion	IPX0

Climatical

Ambient temperature	-40°C to +75°C
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Mechanical Characteristics

Durability (mating cycles)	> 750
Insertion force	< 30N

Materials

Connector housing	PC/Transparent green
PIN	Gold plated 50μ
Strain relief	PC

Patch Cable

Standard	IEC 61156-6 & EN 50288-4-2
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Specification

Conductor	26AWG Bare copper
Structure	S/FTP
Braid rate	≥40%
Jacket	TPE: UV (EN60068-2-5) Halogen-free (IEC60754-1/2) OIL (EN60811-2-1) Low smoke (IEC 61034) Water (EN60811-1-3) Flame retardant (IEC60332-1-2)
OD	6.0±0.2mm
Cable marking	NAMBO CAT7 S/FTP 4x2x26AWG/7 TPE ISO11801 & EN50173 & ANSI/TIA568C.2 5600701 xxxxxM
Colour of cable marking	Black
Colour of cable marking on black cable	White

Climatical

Operating temperature	-20°C to +75°C
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