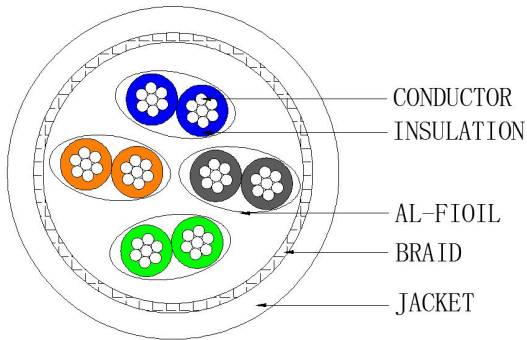
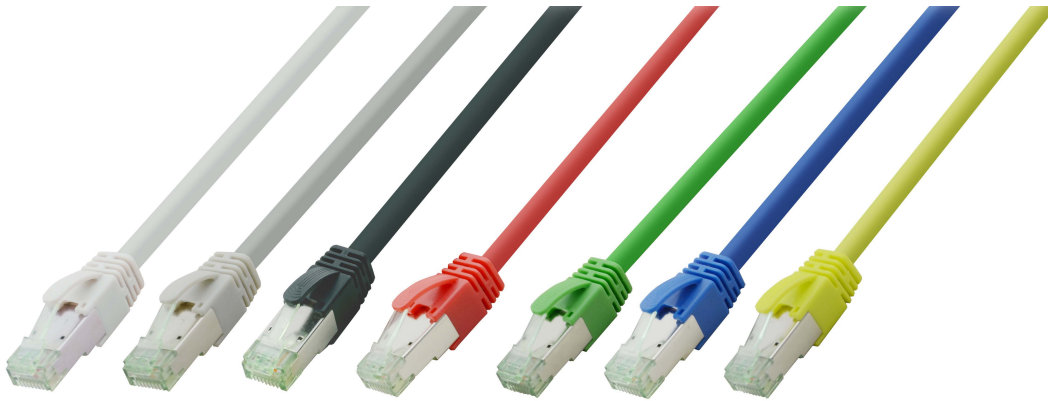
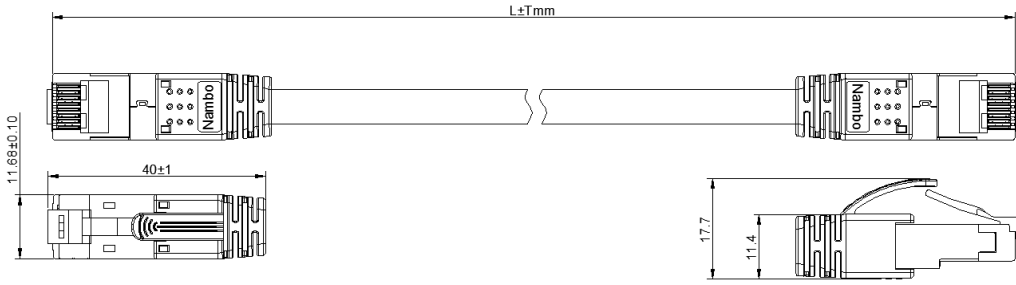


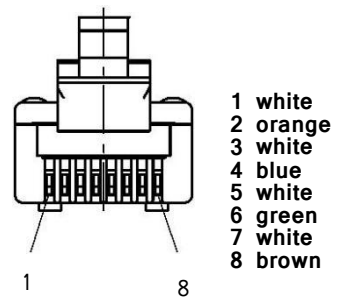
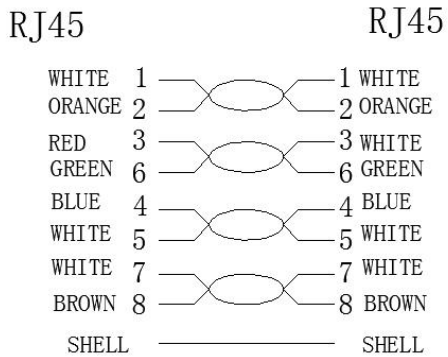
Cat.6A S/FTP 26AWG LSZH



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Cable structure diagram



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

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Data sheet : N500-xxT138-xx

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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++
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

Approval

3P	NO.1191054
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Chemical

RoHS 2011/65/EU&(EU)2015/863	REACH (SVHC 205)
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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 50u"
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	LSZH
	IEC60754-2 (Halogen free), IEC 61034 (Low smoke) , IEC60332-1 (Flame retardant)
OD	6.0±0.2mm
Cable marking	NAMBO CAT7 S/FTP 4x2x26AWG/7 LSZH 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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