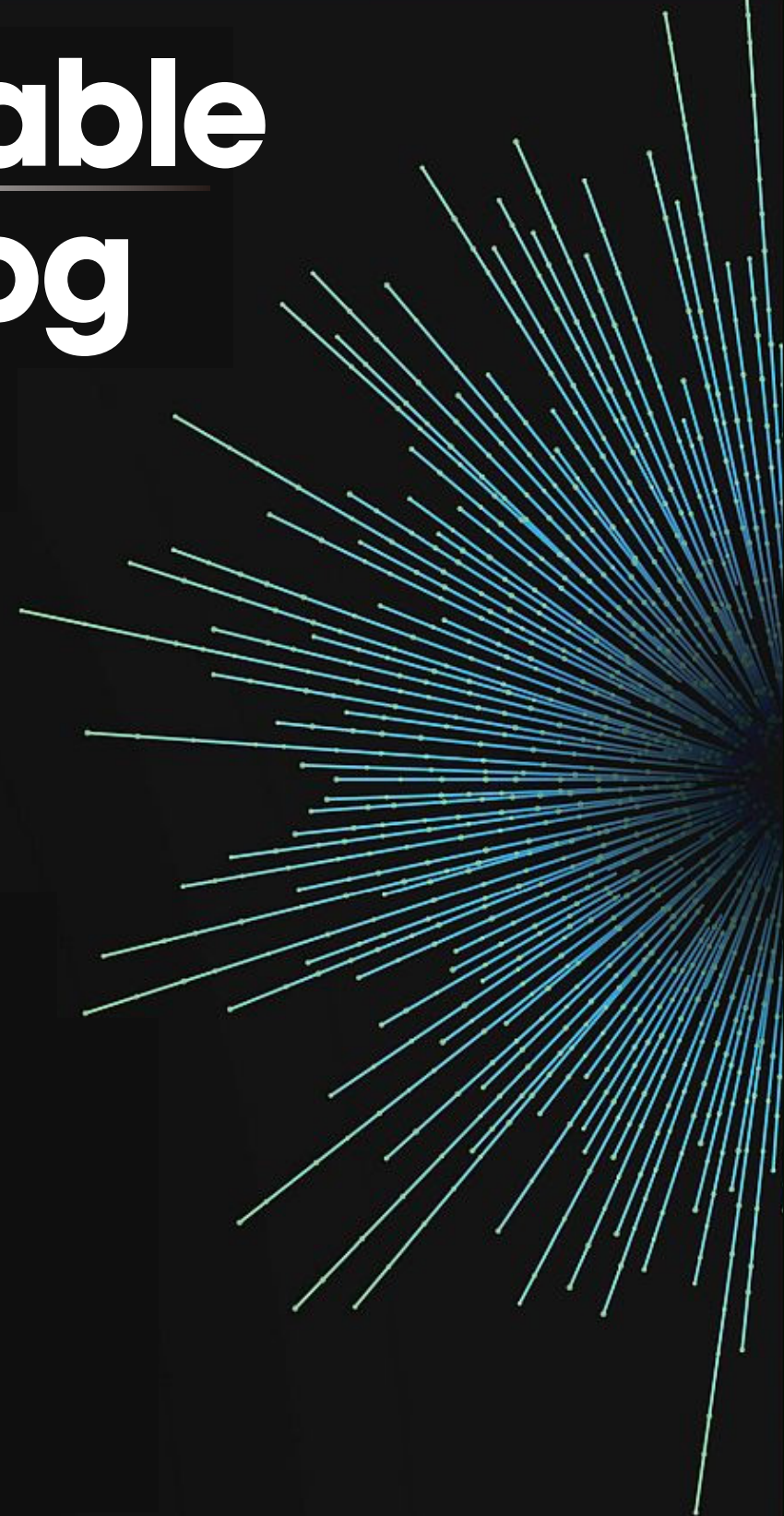
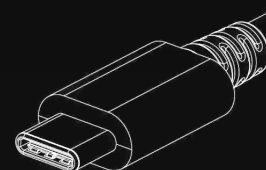
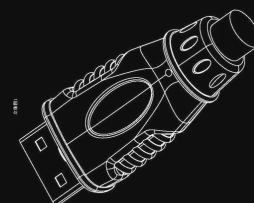
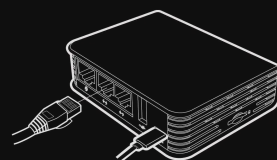
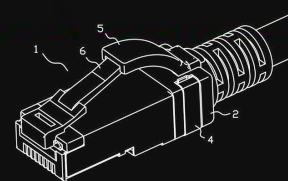




ADD: NINGBO,ZHEJIANG,CHINA SUNPU PRODUCT CATALOG
WWW.NBSUNPU.COM OCTOBER -2022

Net Cable Catalog

SUNPU PRODUCT CATALOG
OCTOBER -2022



ABOUT US

After more than 10 years, Sunpu is still focused on what we have always done best; continuously improve the quality control system, innovative network solutions to help our customers connect. And today, Sunpu continues to expand its range of products item, further helping consumers and businesses around the world "Connect to More"; Our broad range of products enables customers to connect with more partners, more customers, and more family and friends.

Sunpu was founded in BeiLun, Ningbo, in March 2010. The new factory place have 8000 square meters of area, more than 80 workers in the factory. As expected, we will expand our worker to 150, and produce more than 1.3M pieces cable in the factory. Their mission then, as now, was to provide high-quality performing for consumers and businesses of all sizes. From that day to this, Sunpu Has been deeply rooted in Copper Network Cables, developing cable needed for different application scenarios and services to help consumers and businesses in more than 70 countries to connect.

Sunpu is committed to giving our Partners the best tools and support to serve our mutual customers

The Sunpu logo features the word "Sunpu" in a bold, italicized, sans-serif font. A thick, curved line arches over the letters, starting from the left and ending at the right, creating a sense of motion or a stylized 'S' shape.



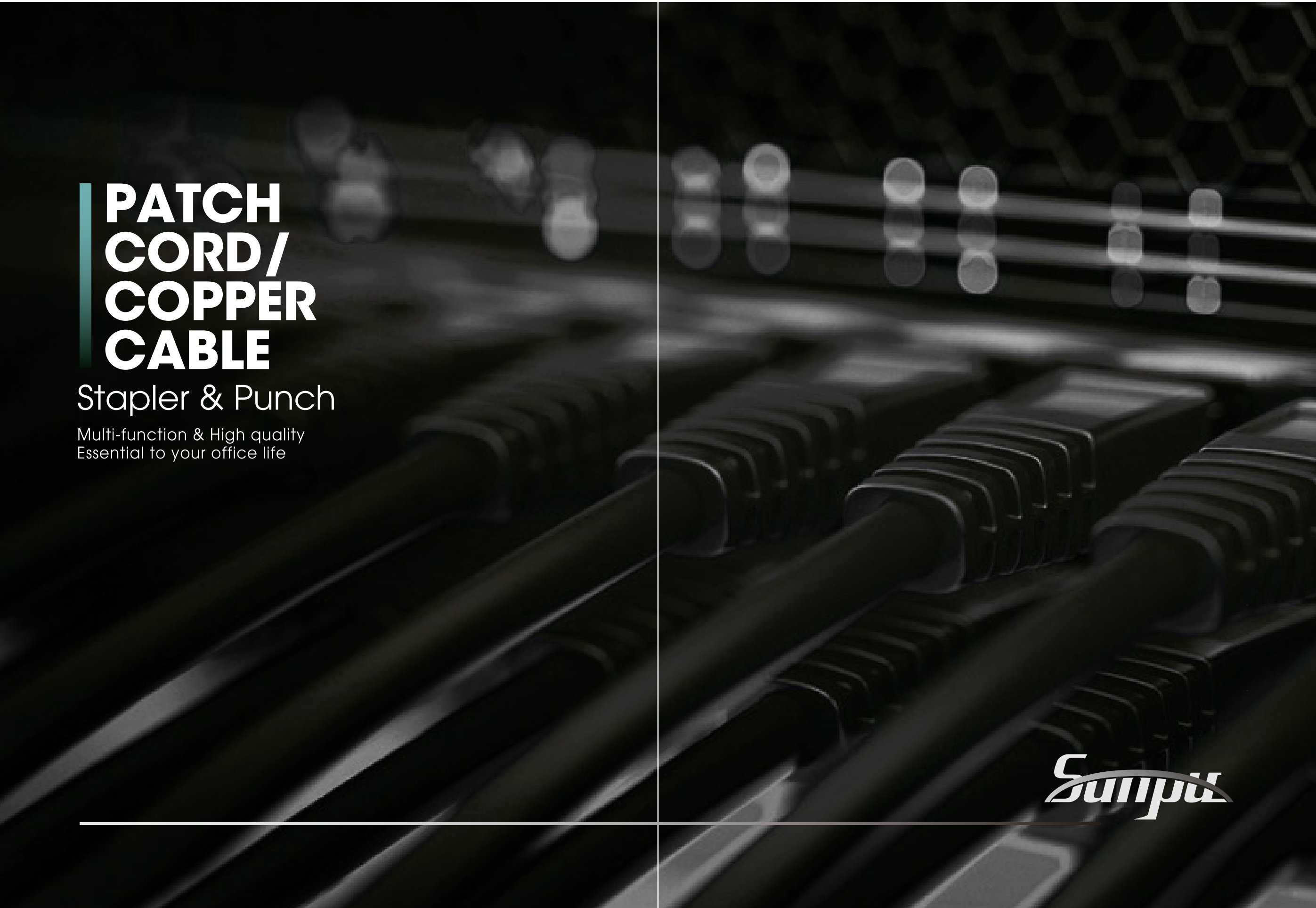
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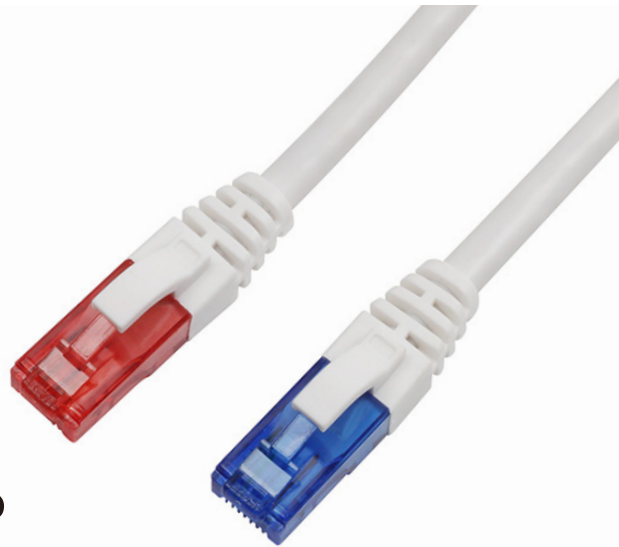
PATCH CORD/ COPPER CABLE

Stapler & Punch

Multi-function & High quality
Essential to your office life

Suripul

CATEGORY 5E UTP



CAT. 5E UTP PATCH CORD

- AWG: 24 (8*7*0.20mm)
- Conductor: stranded wire 7,0*0.20mm cords
- Printed length counter at every meter of cable
- External PVC insulation 4,8mm / 5,4mm.
- HDPE conductor insulation: 0,88±0.02mm.
- Operation up to 100Mhz,1000Mbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements



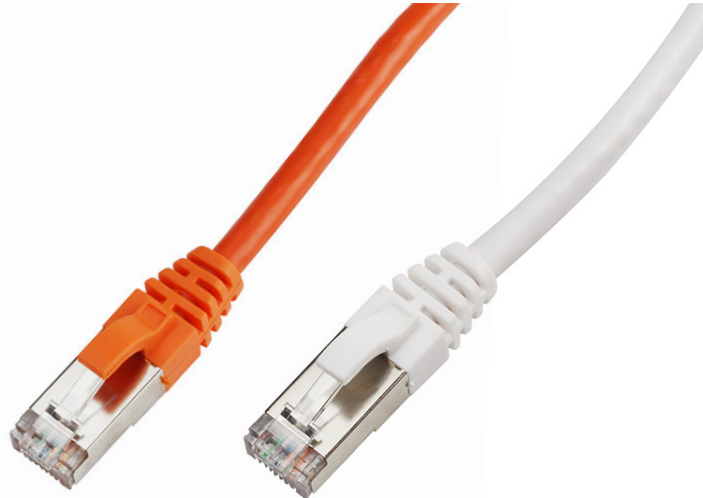
INFORMATION

MODEL NAME	COLOR	DESCRIPTION
MU5EBUXXX	BLUE	Cat.5e 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU5EBKXXX	BLACK	Cat.5e 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU5EGYXXX	GREY	Cat.5e 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU5EWTXXX	WHITE	Cat.5e 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU5ERDXXX	RED	Cat.5e 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU5EGNXXX	GREEN	Cat.5e 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU5EORXXX	ORANGE	Cat.5e 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU5EYLXXX	YELLOW	Cat.5e 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU5EPRXXX	PURPLE	Cat.5e 24AWG U/UTP PVC Patch Cord,RJ45,Mold

COLOR



CATEGORY 5E FTP
PATCH CORD/COPPER CABLE



CAT. 5E FTP PATCH CORD

- AWG: 26 (8*7*0.16mm)
- Conductor: stranded wire 7*0.16mm cords
- Printed length counter at every meter of cable
- External PVC insulation 4,8mm / 5,4mm.
- HDPE conductor insulation: 0,88±0.02mm.
- Operation up to 100Mhz,1000Mbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements



INFORMATION

MODEL NAME	COLOR	DESCRIPTION
MF5EBUXXX	BLUE	Cat.5e 26AWG FTP PVC Patch Cord,RJ45,Mold
MF5EBKXXX	BLACK	Cat.5e 26AWG FTP PVC Patch Cord,RJ45,Mold
MF5EGYXXX	GREY	Cat.5e 26AWG FTP PVC Patch Cord,RJ45,Mold
MF5EWTXXX	WHITE	Cat.5e 26AWG FTP PVC Patch Cord,RJ45,Mold
MF5ERDXXX	RED	Cat.5e 27AWG FTP PVC Patch Cord,RJ45,Mold
MF5EGNXXX	GREEN	Cat.5e 26AWG FTP PVC Patch Cord,RJ45,Mold
MF5EORXXX	ORANGE	Cat.5e 26AWG FTP PVC Patch Cord,RJ45,Mold
MF5EYLXXX	YELLOW	Cat.5e 26AWG FTP PVC Patch Cord,RJ45,Mold
MF5EPRXXX	PURPLE	Cat.5e 26AWG FTP PVC Patch Cord,RJ45,Mold

COLOR



CATEGORY 5E S/FTP



CAT. 5E S/FTP PATCH CORD

- AWG: 26/7 (8*7*0,152mm)
- Conductor: stranded wire 7*0,152mm cords
- Printed length counter at every meter of cable
- External PVC insulation 5.0mm / 5,6mm.
- HDPE conductor insulation: 0,88±0,02mm
- Operation up to 100Mhz, 1000Mbps
- Aluminum braiding on each wire pair,
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements



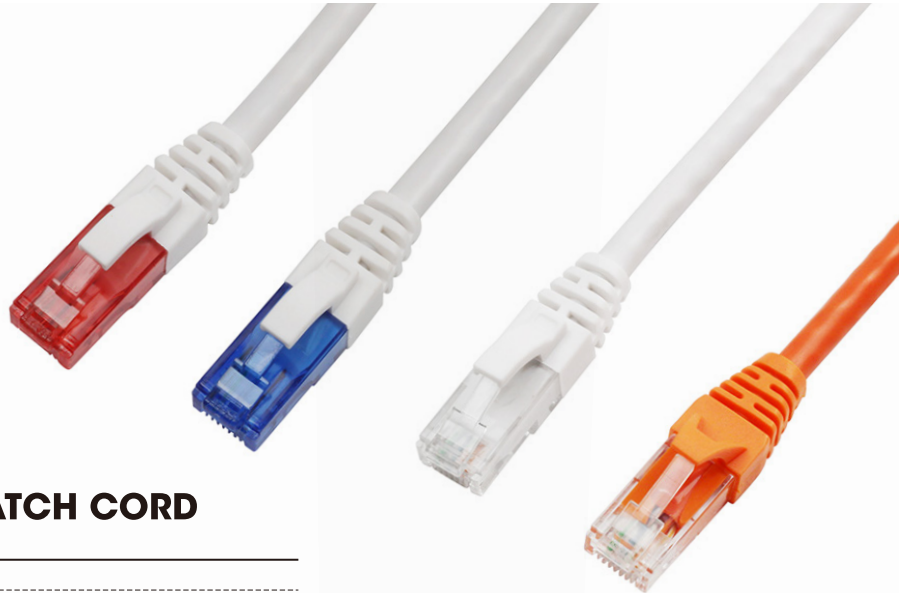
INFORMATION

MODEL NAME	COLOR	DESCRIPTION
MSF5EBUXXX	BLUE	Cat.5e 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF5EBKXXX	BLACK	Cat.5e 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF5EGYXXX	GREY	Cat.5e 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF5EWTXXX	WHITE	Cat.5e 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF5ERDXXX	RED	Cat.5e 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF5EGNXXX	GREEN	Cat.5e 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF5EORXXX	ORANGE	Cat.5e 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF5EYLXXX	YELLOW	Cat.5e 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF5EPRXXX	PURPLE	Cat.5e 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold

COLOR



CATEGORY 6 UTP
PATCH CORD/COPPER CABLE



CAT. 6 UTP PATCH CORD

- AWG: 24 (8*7*0,20mm)
- Conductor: stranded wire 7,0*0,2mm cords
- Printed length counter at every meter of cable
- External PVC insulation: 5.0mm/6,0mm
- HDPE conductor insulation: 0,88±0,02mm
- Operation up to 250Mhz, 1000Mbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements



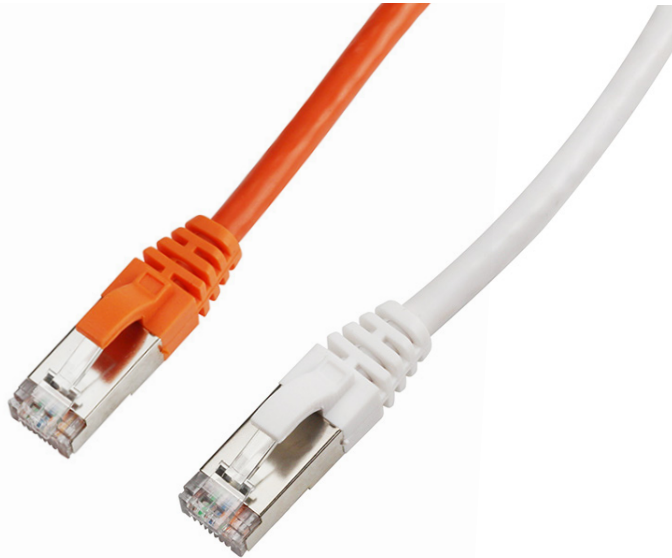
INFORMATION

MODEL NAME	COLOR	DESCRIPTION
MU6BUXXX	BLUE	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU6BKXXX	BLACK	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU6GYXXX	GREY	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU6WTXXX	WHITE	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU6RDXXX	RED	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU6GNXXX	GREEN	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU6ORXXX	ORANGE	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU6YLXXX	YELLOW	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45,Mold
MU6PRXXX	PURPLE	Cat.6 24AWG U/UTP PVC Patch Cord,RJ45,Mold

COLOR



CATEGORY 6 FTP



CAT. 6 FTP PATCH CORD

- AWG: 26 (8*7*0,16mm)
- Conductor: stranded wire 7*0,16mm cords
- Printed length counter at every meter of cable
- External PVC insulation: 5,0mm/6,0mm
- HDPE conductor insulation: 0,88±0,02mm
- Operation up to 250Mhz,1000Mbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements



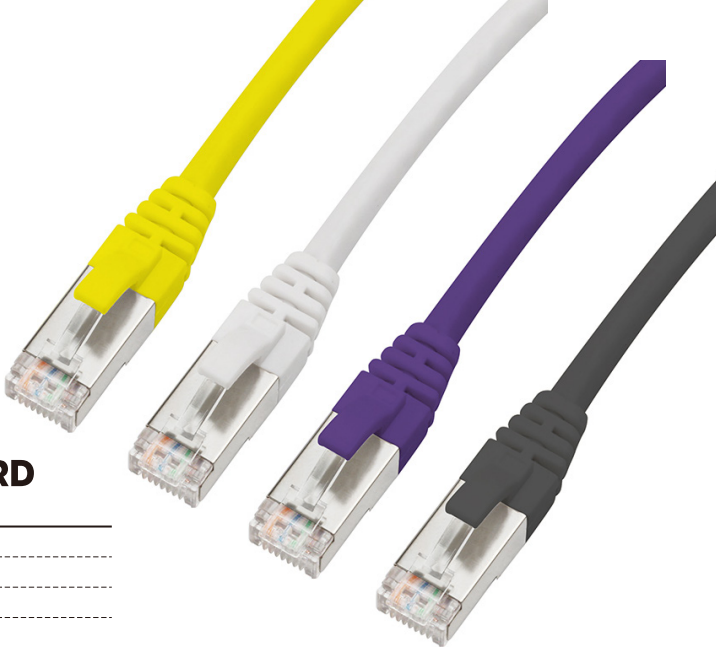
INFORMATION

MODEL NAME	COLOR	DESCRIPTION
MF6BUXXX	BLUE	Cat.6 26AWG FTP PVC Patch Cord,RJ45,Mold
MF6BKXXX	BLACK	Cat.6 26AWG FTP PVC Patch Cord,RJ45,Mold
MF6GYXXX	GREY	Cat.6 26AWG FTP PVC Patch Cord,RJ45,Mold
MF6WTXXX	WHITE	Cat.6 26AWG FTP PVC Patch Cord,RJ45,Mold
MF6RDXXX	RED	Cat.6 26AWG FTP PVC Patch Cord,RJ45,Mold
MF6GNXXX	GREEN	Cat.6 26AWG FTP PVC Patch Cord,RJ45,Mold
MF6ORXXX	ORANGE	Cat.6 26AWG FTP PVC Patch Cord,RJ45,Mold
MF6YLXXX	YELLOW	Cat.6 26AWG FTP PVC Patch Cord,RJ45,Mold
MF6PRXXX	PURPLE	Cat.6 26AWG FTP PVC Patch Cord,RJ45,Mold

COLOR



CATEGORY 6 S/FTP
PATCH CORD/COPPER CABLE



CAT. 6 S/FTP PATCH CORD

- AWG: 26/27 (8*7*0,152mm)
- Conductor: stranded wire 7*0,152mm cords
- Printed length counter at every meter of cable
- External PVC insulation: 5,2mm/6,0mm
- HDPE conductor insulation: 0,88±0,02mm
- Operation up to 250Mhz,1000Mbps
- Aluminum braiding on each wire pair
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements



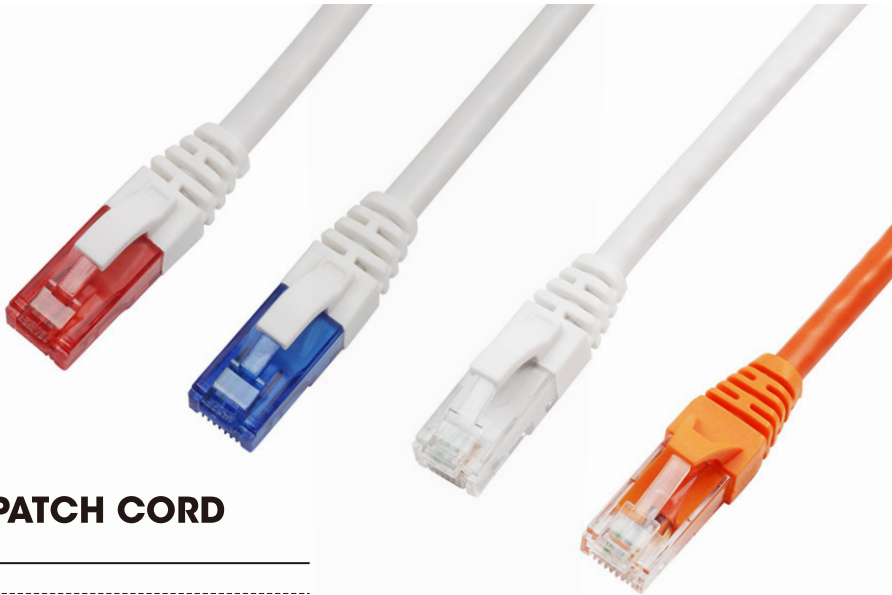
INFORMATION

MODEL NAME	COLOR	DESCRIPTION
MSF6BUXXX	BLUE	Cat.6 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6BKXXX	BLACK	Cat.6 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6GYXXX	GREY	Cat.6 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6WTXXX	WHITE	Cat.6 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6RDXXX	RED	Cat.6 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6GNXXX	GREEN	Cat.6 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6ORXXX	ORANGE	Cat.6 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6YLXXX	YELLOW	Cat.6 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6PRXXX	PURPLE	Cat.6 26/7AWG S/FTP PVC Patch Cord,RJ45,Mold

COLOR



CATEGORY 6A UTP



CAT. 6A UTP PATCH CORD

- AWG: 24 (8*7*0.20mm)
- Conductor: stranded wire 7*0.2mm cords
- Printed length counter at every meter of cable
- External PVC insulation: 5.0mm/6.0mm
- HDPE conductor insulation: 0.88±0.02mm
- Operation up to 500Mhz, 10Gbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements



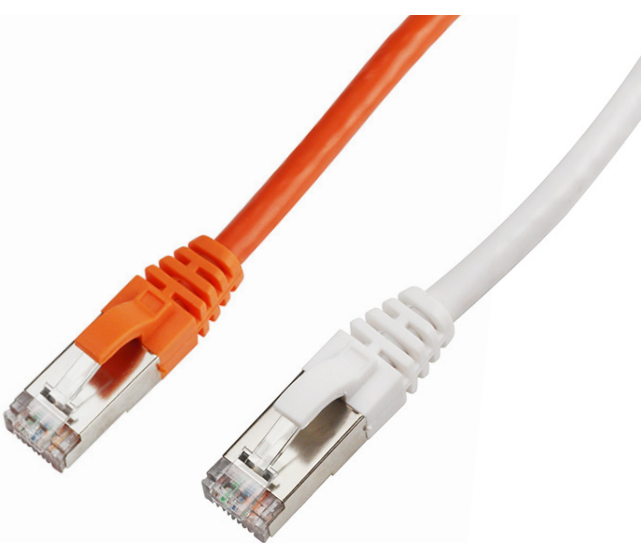
INFORMATION

MODEL NAME	COLOR	DESCRIPTION
MU6ABUXXX	BLUE	Cat.6A 24AWG UTP PVC Patch Cord,RJ45,Mold
MU6ABKXXX	BLACK	Cat.6A 24AWG UTP PVC Patch Cord,RJ45,Mold
MU6AGYXXX	GREY	Cat.6A 24AWG UTP PVC Patch Cord,RJ45,Mold
MU6AWTXXX	WHITE	Cat.6A 24AWG UTP PVC Patch Cord,RJ45,Mold
MU6ARDXXX	RED	Cat.6A 24AWG UTP PVC Patch Cord,RJ45,Mold
MU6AGNXXX	GREEN	Cat.6A 24AWG UTP PVC Patch Cord,RJ45,Mold
MU6AORXXX	ORANGE	Cat.6A 24AWG UTP PVC Patch Cord,RJ45,Mold
MU6AYLXXX	YELLOW	Cat.6A 24AWG UTP PVC Patch Cord,RJ45,Mold
MU6APRXXX	PURPLE	Cat.6A 24AWG UTP PVC Patch Cord,RJ45,Mold

COLOR



CATEGORY 6A S/FTP
PATCH CORD/COPPER CABLE



CAT. 6A S/FTP PATCH CORD

- AWG: 26 (8*7*0.16mm)
- Conductor: stranded wire 7,0*0.16mm
- HDPE conductor insulation: 0.88±0.02mm
- External PVC insulation: 5.4mm/6.2mm.
- Aluminum braiding on each wire pair,
- Operation up to 500Mhz, 10Gbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements



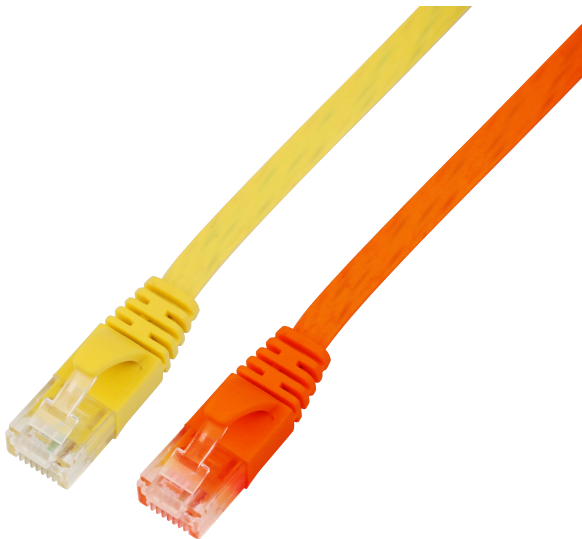
INFORMATION

MODEL NAME	COLOR	DESCRIPTION
MSF6ABUXXX	BLUE	Cat.6A 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6ABKXXX	BLACK	Cat.6A 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6AGYXXX	GREY	Cat.6A 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6AWTXXX	WHITE	Cat.6A 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6ARDXXX	RED	Cat.6A 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6AGNXXX	GREEN	Cat.6A 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6AORXXX	ORANGE	Cat.6A 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6AYLXXX	YELLOW	Cat.6A 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF6APRXXX	PURPLE	Cat.6A 26AWG S/FTP PVC Patch Cord,RJ45,Mold

COLOR



CATEGORY 5E FLAT UTP



CAT. 5E UTP FLAT PATCH CORD

- AWG: 30 (8*7*0.10mm)
- Conductor: stranded wire 7*0.10mm
- External PVC insulation: 6.0*1.6±0.02mm
- HDPE conductor insulation: 0.58±0.02mm
- Operation up to 100Mhz,1000Mbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements



INFORMATION

MODEL NAME	COLOR	DESCRIPTION
FLAT-MU5EBUXXX	BLUE	Cat.5e 30AWG U/UTP PVC Patch Cord,RJ45,Mold
FLAT-MU5EBKXXX	BLACK	Cat.5e 30AWG U/UTP PVC Patch Cord,RJ45,Mold
FLAT-MU5EGYXXX	GREY	Cat.5e 30AWG U/UTP PVC Patch Cord,RJ45,Mold
FLAT-MU5EWTXXX	WHITE	Cat.5e 30AWG U/UTP PVC Patch Cord,RJ45,Mold
FLAT-MU5ERDXXX	RED	Cat.5e 30AWG U/UTP PVC Patch Cord,RJ45,Mold
FLAT-MU5EGNXXX	GREEN	Cat.5e 30AWG U/UTP PVC Patch Cord,RJ45,Mold
FLAT-MU5EORXXX	ORANGE	Cat.5e 30AWG U/UTP PVC Patch Cord,RJ45,Mold
FLAT-MU5EYLXXX	YELLOW	Cat.5e 30AWG U/UTP PVC Patch Cord,RJ45,Mold
FLAT-MU5EPRXXX	PURPLE	Cat.5e 30AWG U/UTP PVC Patch Cord,RJ45,Mold

COLOR



CATEGORY 6 UTP FLAT

PATCH CORD/COPPER CABLE



CATEGORY 6 UTP FLAT

- AWG: 30 (8*7*0.10mm)
- Conductor: stranded wire 7.0*0.10mm
- External PVC insulation: 6.0*1.6±0.02mm
- HDPE conductor insulation: 0.58±0.02mm
- Operation up to 250Mhz,1000Mbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements



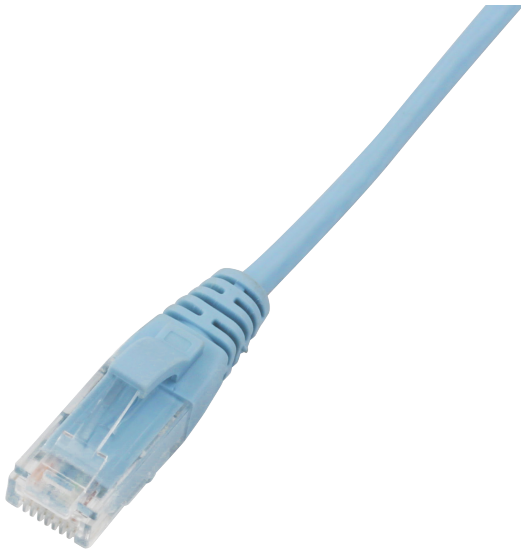
INFORMATION

MODEL NAME	COLOR	DESCRIPTION
FLAT-MU6BUXXX	BLUE	Cat.6 30AWG U/UTP PVC Patch Cord,RJ45,Mold
FLAT-MU6BKXXX	BLACK	Cat.6 30AWG U/UTP PVC Patch Cord,RJ45,Mold
FLAT-MU6GYXXX	GREY	Cat.6 30AWG U/UTP PVC Patch Cord,RJ45,Mold
FLAT-MU6WTXXX	WHITE	Cat.6 30AWG U/UTP PVC Patch Cord,RJ45,Mold
FLAT-MU6RDXXX	RED	Cat.6 30AWG U/UTP PVC Patch Cord,RJ45,Mold
FLAT-MU6GNXXX	GREEN	Cat.6 30AWG U/UTP PVC Patch Cord,RJ45,Mold
FLAT-MU6ORXXX	ORANGE	Cat.6 30AWG U/UTP PVC Patch Cord,RJ45,Mold
FLAT-MU6YLXXX	YELLOW	Cat.6 30AWG U/UTP PVC Patch Cord,RJ45,Mold
FLAT-MU6PRXXX	PURPLE	Cat.6 30AWG U/UTP PVC Patch Cord,RJ45,Mold

COLOR



CATEGORY 6 UTP SLIM MOLD



CAT.6 UTP SLIM PATCH CORD

- AWG: 28 (8*7*0.12mm)
- Conductor: stranded wire 7,0*0.12mm cords
- Printed length counter at every meter of cable
- External PVC insulation: 3,5mm
- HDPE conductor insulation: 0,58±0.02mm
- Operation up to 250Mhz,1000Mbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements



INFORMATION

MODEL NAME	COLOR	DESCRIPTION
MU6SLIMBUXXX	BLUE	Cat.6 28AWG UTP PVC Patch Cord,RJ45,Mold
MU6SLIMBKXXX	BLACK	Cat.6 28AWG UTP PVC Patch Cord,RJ45,Mold
MU6SLIMGYXXX	GREY	Cat.6 28AWG UTP PVC Patch Cord,RJ45,Mold
MU6SLIMWTXXX	WHITE	Cat.6 28AWG UTP PVC Patch Cord,RJ45,Mold
MU6SLIMRDXXX	RED	Cat.6 28AWG UTP PVC Patch Cord,RJ45,Mold
MU6SLIMGNXXX	GREEN	Cat.6 28AWG UTP PVC Patch Cord,RJ45,Mold
MU6SLIMORXXX	ORANGE	Cat.6 28AWG UTP PVC Patch Cord,RJ45,Mold
MU6SLIMYLXXX	YELLOW	Cat.6 28AWG UTP PVC Patch Cord,RJ45,Mold
MU6SLIMPRXXX	PURPLE	Cat.6 28AWG UTP PVC Patch Cord,RJ45,Mold

COLOR



CATEGORY 6A UTP SLIM MOLD

PATCH CORD/COPPER CABLE



CAT.6A UTP SLIM PATCH CORD

- AWG: 28 (8*7*0.12mm)
- Conductor: stranded wire 7*0.12mm cords
- Printed length counter at every meter of cable
- External PVC insulation: 3,5mm
- HDPE conductor insulation: 0,58±0.02mm
- Operation up to 500Mhz,10Gbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements



INFORMATION

MODEL NAME	COLOR	DESCRIPTION
MU6ASLIMBUXXX	BLUE	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Mold
MU6ASLIMBKXXX	BLACK	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Mold
MU6ASLIMGYXXX	GREY	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Mold
MU6ASLIMWTXXX	WHITE	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Mold
MU6ASLIMRDXXX	RED	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Mold
MU6ASLIMGNXXX	GREEN	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Mold
MU6ASLIMORXXX	ORANGE	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Mold
MU6ASLIMYLXXX	YELLOW	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Mold
MU6ASLIMPRXXX	PURPLE	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Mold

COLOR



CATEGORY 6 UTP SLIM ASSEMBLY



CAT.6 UTP SLIM PATCH CORD

- AWG: 28 (8*7*0.12mm)
- Conductor: stranded wire 7,0*0.12mm cords
- Printed length counter at every meter of cable
- External PVC insulation: 3,5mm.
- HDPE conductor insulation: 0.58±0.02mm
- Operation up to 250Mhz,1000Mbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements



INFORMATION

MODEL NAME	COLOR	DESCRIPTION
MU6SLIMBUXXX	BLUE	Cat.6 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6SLIMBKXXX	BLACK	Cat.6 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6SLIMGYXXX	GREY	Cat.6 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6SLIMWTXXX	WHITE	Cat.6 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6SLIMRDXXX	RED	Cat.6 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6SLIMGNXXX	GREEN	Cat.6 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6SLIMORXXX	ORANGE	Cat.6 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6SLIMYLXXX	YELLOW	Cat.6 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6SLIMPRXXX	PURPLE	Cat.6 28AWG UTP PVC Patch Cord,RJ45,Assembly

COLOR



CATEGORY 6A UTP SLIM ASSEMBLY

PATCH CORD/COPPER CABLE



CAT.6A UTP SLIM PATCH CORD

- AWG: 28 (8*7*0.12mm)
- Conductor: stranded wire 7,0*0.12mm cords
- Printed length counter at every meter of cable
- External PVC insulation: 3,5mm.
- HDPE conductor insulation: 0.58±0.02mm
- Operation up to 500Mhz,10Gbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements



INFORMATION

MODEL NAME	COLOR	DESCRIPTION
MU6ASLIMBUXXX	BLUE	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6ASLIMBKXXX	BLACK	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6ASLIMGYXXX	GREY	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6ASLIMWTXXX	WHITE	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6ASLIMRDXXX	RED	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6ASLIMGNXXX	GREEN	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6ASLIMORXXX	ORANGE	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6ASLIMYLXXX	YELLOW	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Assembly
MU6ASLIMPRXXX	PURPLE	Cat.6A 28AWG UTP PVC Patch Cord,RJ45,Assembly

COLOR



CATEGORY 6 UTP



UTP CAT.6 LED SELF-TRACING ETHERNET NETWORK PATCH CABLE,THIS CABLE IS WIDELY USE IN DATA CENTER SYSTEM.



- AWG: 24 (8.0*7.0*0.20mm).
- Conductor: stranded wire 7,0*0,2mm cords,
- Printed length counter at every meter of cable,
- External PVC insulation: 5,2mm/6,0mm,
- HDPE conductor insulation: 0,84mm / 0,88mm,
- Operation up to 250Mhz,1000Mbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements



INFORMATION

MODEL NAME	COLOR	DESCRIPTION
LEDMU6BUXXX	BLUE	Cat.6 24AWG U/UTP PVC LED Self-Tracing Patch Cord,RJ45,Assembly
LEDMU6BKXXX	BLACK	Cat.6 24AWG U/UTP PVC LED Self-Tracing Patch Cord,RJ45,Assembly
LEDMU6GYXXX	GREY	Cat.6 24AWG U/UTP PVC LED Self-Tracing Patch Cord,RJ45,Assembly
LEDMU6WTXXX	WHITE	Cat.6 24AWG U/UTP PVC LED Self-Tracing Patch Cord,RJ45,Assembly
LEDMU6RDXXX	RED	Cat.6 24AWG U/UTP PVC LED Self-Tracing Patch Cord,RJ45,Assembly
LEDMU6GNXXX	GREEN	Cat.6 24AWG U/UTP PVC LED Self-Tracing Patch Cord,RJ45,Assembly
LEDMU6ORXXX	ORANGE	Cat.6 24AWG U/UTP PVC LED Self-Tracing Patch Cord,RJ45,Assembly
LEDMU6YLXXX	YELLOW	Cat.6 24AWG U/UTP PVC LED Self-Tracing Patch Cord,RJ45,Assembly
LEDMU6PRXXX	PURPLE	Cat.6 24AWG U/UTP PVC LED Self-Tracing Patch Cord,RJ45,Assembly

COLOR



CATEGORY 6 UTP

PATCH CORD/COPPER CABLE



UTP CAT.6 LOCKING ETHERNET NETWORK PATCH CABLE,THIS CABLE IS WIDELY USE IN SAFETY CABLING SYSTEM.



- AWG: 24 (8.0*7.0*0.20mm).
- Conductor: stranded wire 7,0*0,2mm cords,
- Printed length counter at every meter of cable,
- External PVC insulation: 5,2mm/6,0mm,
- HDPE conductor insulation: 0,84mm / 0,88mm,
- Operation up to 250Mhz,1000Mbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements



INFORMATION

MODEL NAME	COLOR	DESCRIPTION
LKMU6BUXXX	BLUE	Cat.6 24AWG U/UTP PVC Locking Patch Cord,RJ45,Assembly
LKMU6BKXXX	BLACK	Cat.6 24AWG U/UTP PVC Locking Patch Cord,RJ45,Assembly
LKMU6GYXXX	GREY	Cat.6 24AWG U/UTP PVC Locking Patch Cord,RJ45,Assembly
LKMU6WTXXX	WHITE	Cat.6 24AWG U/UTP PVC Lockingg Patch Cord,RJ45,Assembly
LKMU6RDXXX	RED	Cat.6 24AWG U/UTP PVC Locking Patch Cord,RJ45,Assembly
LKMU6GNXXX	GREEN	Cat.6 24AWG U/UTP PVC Locking Patch Cord,RJ45,Assembly
LKMU6ORXXX	ORANGE	Cat.6 24AWG U/UTP PVC Locking Patch Cord,RJ45,Assembly
LKMU6YLXXX	YELLOW	Cat.6 24AWG U/UTP PVC Locking Patch Cord,RJ45,Assembly
LKMU6PRXXX	PURPLE	Cat.6 24AWG U/UTP PVC Locking Patch Cord,RJ45,Assembly

COLOR



CATEGORY 7 S/FTP



CAT. 7 S/FTP PATCH CORD

- AWG: 26 (8*7*0.16mm)
- Conductor: stranded wire 7,0*0.16mm
- HDPE conductor insulation: 0.58±0.02mm
- External PVC insulation: 0.84*0.28±0.02mm
- Aluminum braiding on each wire pair
- Operation up to 600Mhz, 10Gbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements



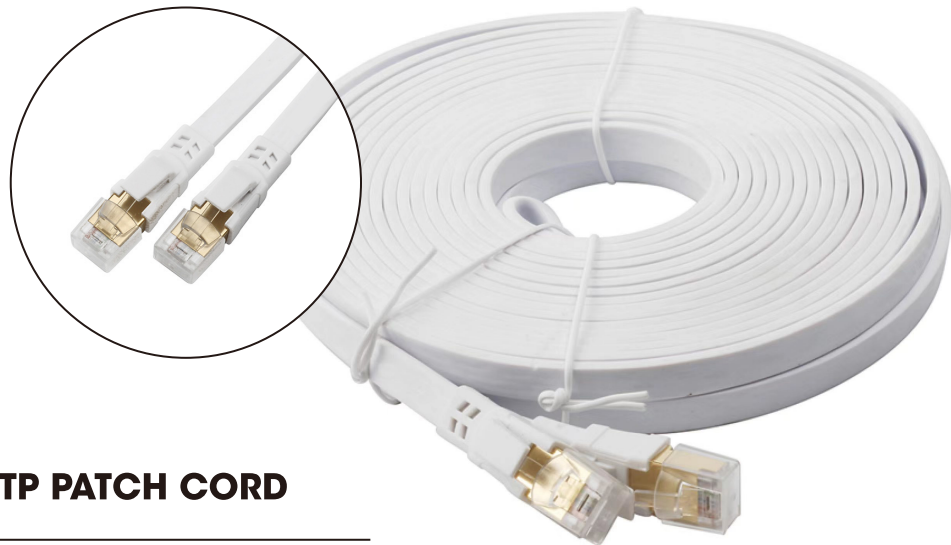
INFORMATION

MODEL NAME	COLOR	DESCRIPTION
MSF7BUXXX	BLUE	Cat.7 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF7BKXXX	BLACK	Cat.7 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF7GYXXX	GREY	Cat.7 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF7WTXXX	WHITE	Cat.7 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF7RDXXX	RED	Cat.7 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF7GNXXX	GREEN	Cat.7 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF7ORXXX	ORANGE	Cat.7 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF7YLXXX	YELLOW	Cat.7 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF7PRXXX	PURPLE	Cat.7 26AWG S/FTP PVC Patch Cord,RJ45,Mold

COLOR



CATEGORY 8 S/FTP
PATCH CORD/COPPER CABLE



CAT.8 S/FTP PATCH CORD

- AWG: 26 (8*7*0.16mm)
- Conductor: stranded wire 7*0.16mm
- HDPE conductor insulation: 0.86±0.02mm
- External PVC insulation: 0.9*0.3±0.02mm
- Aluminum braiding on each wire pair
- Operation up to 2000Mhz,25/40Gbps
- Compatibility with standards: ANSI/TIA/EIA-568-C.2, ISO/IEC
- LSZH/PVC(CM RATE)
- 100% factory tested
- can be customized to your specific requirements



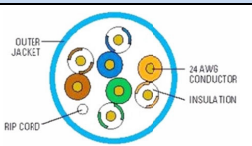
INFORMATION

MODEL NAME	COLOR	DESCRIPTION
MSF8BUXXX	BLUE	Cat.8 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF8BKXXX	BLACK	Cat.8 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF8GYXXX	GREY	Cat.8 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF8WTXXX	WHITE	Cat.8 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF8RDXXX	RED	Cat.8 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF8GNXXX	GREEN	Cat.8 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF8ORXXX	ORANGE	Cat.8 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF8YLXXX	YELLOW	Cat.8 26AWG S/FTP PVC Patch Cord,RJ45,Mold
MSF8PRXXX	PURPLE	Cat.8 26

COLOR



Category 5E 350MHz UTP
Cable

Cable Detail		
		
Description		
24 AWG Ca 5E, High-Performance Data Cable		
Applicable Standards		
• UL Listed Type • UL Verified to TIA-568-C.2 • ISO/IEC 11801 • RoHS Compliant • ATM 155 Mbps • Ethernet 10BASE-T, 100BASE-TX, 100BASE-VG, 100BASE-T4 • 1000 Mbps 1000BASE-T Gigabit Ethernet™ (IEEE 802.3) • 16 Mbps Token Ring™ (IEEE 802.5)		
		
Physical Characteristics		
Conductor Material	Solid Annealed Bare Copper	
Number of Conductor Pairs	4	
Size	24 AWG	
Stranding	Solid	
Insulation Material	Polyethylene	
Overall Diameter	0.035 in. ± 0.0002 in	
Average Thickness	0.0081 in	
Jacket Material	Flame Retardant PVC	
Average Wall Thickness	0.023 in.	
Nominal Outer Diameter	0.200 in. ± 0.008 in.	
Nominal Weight	20 lbs.	
Shield Material	Unshielded	
Ripcord	Yes	
Mechanical Characteristics		
Temperature Rating	Installation	0°C to + 60°C
	Operating	-20°C to + 75°C
Tensile Strength	Before	≥ 13.8 Mpa
	Aging	≥ 100%
Aging Condition		100°C x 240 hours
	After	≥ 85% of unaged
	Aging	≥ 50% of unaged
Insulation Colors		
Pair 1	White / Blue	Blue
Pair 2	White / Orange	Orange
Pair 3	White / Green	Green
Pair 4	White / Brown	Brown
Part Numbers	Jacket Color	Package
	Black, Blue, Green, Grey, Orange, Pink, Purple, Red, White, Yellow	1000FT / Reel

Electrical Characteristics

Max. Conductor DC Resistance @ 20°C	9.65 Ω / 100 Meters
Maximum DC Resistance Unbalanced @ 20°C	5%
Max. Pair-to-Pair Ground Capacitance Unbalance	330 pF / 100 Meters
Characteristic Impedance (1 ~ 350 MHz)	100 ± 15 Ω
Mutual Capacitance	5.6 nF / 100 Meters
Max. Delay Skew	40 nS / 100 Meters

Electrical Performance

Frequency (MHz)	Attenuation (dB/100m)		Return loss (dB)		NEXT (dB)		PS-NEXT (dB)	
	Max.	Typ.	Min.	Typ.	Min.	Typ.	Min.	Typ.
0.772	1.8	1.5	23.0	33.0	72.0	81.1	70.0	78.7
1	2.0	1.8	23.0	38.6	70.3	79.4	68.3	76.9
4	4.1	3.6	23.0	39.8	61.2	69.9	59.3	67.4
8	5.8	5.1	24.5	38.2	56.8	61.9	54.8	59.4
10	6.5	5.8	25.0	38.0	55.3	62.4	53.5	59.9
16	8.2	7.4	25.0	37.4	52.3	57.8	50.3	55.2
20	9.3	8.2	25.0	36.8	50.8	56.4	48.8	53.8
25	10.4	9.3	24.3	35.2	49.3	56.3	47.3	53.6
31.25	11.7	10.5	23.6	33.3	47.9	53.8	45.9	51.1
62.5	17.0	14.9	21.5	32.2	43.4	49.8	41.4	47.4
100	22.0	19.2	20.1	31.3	40.3	47.5	38.3	45.0
155	28.1	24.2	18.8	29.8	37.4	45.1	35.4	42.6
200	32.4	27.3	18.0	28.5	35.7	43.3	33.7	40.2
250	38.9	30.9	17.5	27.3	34.8	41.4	32.5	39.0
300	41.0	34.1	16.8	25.6	33.1	40.2	31.1	37.7
350	44.9	37.8	16.3	23.2	32.1	39.0	30.1	36.5
Frequency (MHz)	ELFEXT (dB/100m)		PS-ELFEXT (dB)		ACR Typ (dB)		PS-ACR Typ (dB)	
	Min.	Typ.	Min.	Typ.	Min.	Typ.	Min.	Typ.
0.772	66.0	73.3	63.0	72.7	70.2	79.2	68.2	77.0
1	63.8	71.3	60.8	70.6	68.2	77.6	66.3	75.0
4	51.7	59.4	48.7	58.7	57.2	66.3	55.2	63.5
8	45.7	53.2	42.7	51.1	51.0	59.8	49.0	56.9
10	43.8	50.5	40.8	49.7	48.8	56.6	47.0	53.7
16	39.7	47.0	36.7	45.1	43.0	53.0	42.1	47.4
20	37.7	45.0	34.7	43.6	41.5	50.5	39.5	45.0
25	35.8	43.3	32.8	42.0	38.9	47.0	36.9	43.7
31.25	33.9	41.3	30.9	40.5	36.5	43.3	34.2	40.0
62.5	27.8	35.8	24.8	34.5	26.4	35.0	24.4	31.2
100	23.8	31.3	20.8	30.3	18.3	26.2	16.3	24.2
155	19.9	27.5	16.9	26.9	10.0	20.9	7.3	15.9
200	17.7	24.7	14.7	24.5	5.0	16.0	2.0	10.0
250	17.1	22.2	14.0	22.5	0.0	10.6	-	4.0
300	16.7	20.5	13.5	20.7	-	6.1	-	-1.3
350	16.0	19.4	12.8	19.6	-	1.2	-	-6.4

* Values above 100MHz are information only.

Category 5E 350MHz FTP
Cable

Cable Detail		
JACKET DRAIN WIRE 24 AWG CONDUCTOR SHIELD INSULATION POLYESTER TAPE		
Description		
24 AWG Shielded Twisted Pair, High-Performance Data Cable		
Applicable Standards		
• UL Listed Type FTP • listed FT4 FTP • UL Verified • ISO/IEC 11801 • RoHS Compliant • ATM 155 Mbps • Ethernet 10BASE-T, 100BASE-TX, 100BASE-VG, 100BASE-T4 • 1000 Mbps 1000BASE-T Gigabit Ethernet™ (IEEE 802.3) • 16 Mbps Token Ring™ (IEEE 802.5)		
  TIA 568-C.2		
Physical Characteristics		
Conductor Material	Solid Annealed Bare Copper	
Number of Conductor Pairs	4	
Size	24 AWG	
Stranding	Solid	
Insulation Material	Polyethylene	
Overall Diameter	0.0381 in. ± 0.0001 in	
Average Thickness	0.009 in	
Jacket Material	Flame Retardant PVC	
Average Wall Thickness	0.0236 in.	
Nominal Outer Diameter	0.242 in.	
Nominal Weight	29 lbs.	
Shield Material	Al Foil Shield	
Ripcord	Yes	
Mechanical Characteristics		
Temperature Rating	Installation	0°C to + 60°C
	Operating	-20°C to + 75°C
Tensile Strength	Before	≥ 13.8 Mpa
Elongation	Aging	≥ 100%
Aging Condition		100°C x 168 hours
	After	≥ 85% of unaged
	Aging	≥ 50% of unaged
Insulation Colors		
Pair 1	White / Blue	Blue
Pair 2	White / Orange	Orange
Pair 3	White / Green	Green
Pair 4	White / Brown	Brown
Part Numbers	Jacket Color	Package
	Blue, Grey, White	1000FT / Reelxx II

Electrical Characteristics

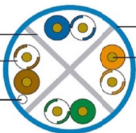
Max. Conductor DC Resistance @ 20°C	9.38 Ω / 100 Meters
Maximum DC Resistance Unbalanced @ 20°C	5%
Max. Pair-to-Pair Ground Capacitance Unbalance	330 pF / 100 Meters
Characteristic Impedance (1 ~ 350 MHz)	100 ± 15 Ω
Mutual Capacitance	5.6 nF / 100 Meters
Max. Delay Skew	40 nS / 100 Meters

Electrical Performance

Frequency (MHz)	Attenuation (dB/100m) Max	Return loss (dB) Min.	NEXT (dB) Min.	PS-NEXT (dB) Min.
1	2.0	20.0	68.3	66.3
4	4.1	23.0	59.3	57.3
8	5.8	24.5	54.8	52.8
10	6.5	25.0	53.3	51.3
16	8.2	25.0	50.3	48.3
20	9.3	25.0	48.8	46.8
25	10.4	24.3	47.3	45.3
31.25	11.7	23.6	45.9	43.6
62.5	17.0	21.5	41.4	39.4
100	22.0	20.1	38.3	36.3
155	28.1	18.8	35.5	33.5
200	32.4	18.0	33.8	31.8
250	36.0	17.4	32.6	30.6
300	41.0	16.8	31.2	29.2
350	44.9	16.3	30.1	28.1
Frequency (MHz)	ELFEXT (dB/100m) Min.	PS-ELFEXT (dB) Min.	Delay (ns/100m) Max.	
1	63.8	60.8	570.0	
4	51.7	48.7	552.0	
8	45.7	42.7	546.7	
10	43.8	40.8	545.4	
16	39.7	36.7	543.0	
20	37.8	34.8	542.0	
25	35.8	32.8	541.2	
31.25	33.9	30.9	540.4	
62.5	27.8	24.8	538.6	
100	24.0	21.0	537.6	
155	20.0	17.0		
200	17.7	14.7		
250	16.2	13.2		
300	14.2	11.2		
350	12.9	9.9		

* Values above 100MHz are information only.

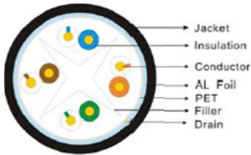
Category 6E 600MHz UTP
Cable

Cable Detail		
CROSS-WEB INSULATION RIP CORD  JACKET CONDUCTOR		
Description		
23 AWG Cat 6E, High-Performance Data Cable		
Applicable Standards		
• UTP CAT6, 23 AWG 4 Pair w/ HDPE Insulation & Flame-Retardant PVC Jacket • UL Listed Type CMR • C(UL) listed CMG FT4 • TIA/EIA-568-C.2, UL 1666 CMR RATED • IEC 61156 AND ANSI/TIA-568-C.2 • RoHS Compliant • ATM 155 Mbps • Ethernet 10BASE-T, 100BASE-TX, 100BASE-VG, 100BASE-T4 • 1000 Mbps 1000BASE-T Gigabit Ethernet™ (IEEE 802.3) • 16 Mbps Token Ring™ (IEEE 802.5)		
 		
Physical Characteristics		
Conductor Material	Solid Annealed Bare Copper	
Number of Conductor Pairs	4	
Size	23 AWG	
Stranding	Solid	
Insulation Material	Polyethylene	
Overall Diameter	0.040 in. ± 0.0002 in	
Average Thickness	0.0088 in	
Jacket Material	Flame Retardant PVC	
Average Wall Thickness	0.023 in.	
Nominal Outer Diameter	0.244 in. ± 0.008 in.	
Nominal Weight	30 lbs.	
Shield Material	Unshielded	
Ripcord	Yes	
Mechanical Characteristics		
Temperature Rating	Installation	0°C to + 60°C
	Operating	-20°C to + 75°C
Tensile Strength	Before	≥ 13.8 Mpa
Elongation	Aging	≥ 100%
Aging Condition		100°C x 168 hours
	After	≥ 85% of unaged
	Aging	≥ 50% of unaged
Insulation Colors		
Pair 1	White / Blue	Blue
Pair 2	White / Orange	Orange
Pair 3	White / Green	Green
Pair 4	White / Brown	Brown
Part Numbers	Jacket Color	Package
	Black, Blue, Green, Grey, Red, White, Yellow, Pink, Purple, Orange	1000FT / RIB

Electrical Characteristics				
Max. Conductor DC Resistance @ 20°C			9.38 Ω / 100 Meters	
Maximum DC Resistance Unbalanced @ 20°C			5%	
Max. Pair-to-Pair Ground Capacitance Unbalance			330 pF / 100 Meters	
Characteristic Impedance (1 ~ 350 MHz)			100 ± 15 Ω	
Mutual Capacitance			5.6 nF / 100 Meters	
Max. Delay Skew			40 nS / 100 Meters	
NVP Nominal Velocity Propagation			0.7	
Electrical Performance				
Frequency (MHz)	Attenuation (dB/100m) Max.	Return loss (dB) Min.	NEXT (dB) Min.	PS-NEXT (dB) Min.
1	2.0	20.0	77.3	75.3
4	3.8	23.6	68.3	66.3
8	5.3	25.4	63.8	61.8
10	5.9	26.0	62.3	30.3
16	7.4	26.0	59.3	57.3
20	8.3	26.0	57.8	55.8
25	9.3	25.5	56.3	54.3
31.25	10.4	25.0	54.9	52.9
62.5	14.9	23.5	50.4	48.4
100	19.0	22.5	47.3	45.3
155	23.9	21.6	45.8	43.5
200	27.4	21.0	42.8	40.8
250	30.8	20.5	41.3	39.3
300	34.0	20.1	40.2	38.2
350	37.0	19.8	39.2	37.2
400	39.7	19.5	38.3	36.3
450	42.1	19.2	37.5	35.5
500	44.9	19.0	36.8	34.8
550	47.3	18.8	36.2	34.2
600	50.7	15.7	44.2	42.2
Frequency (MHz)	ELFEXT (dB/100m) Min.	PS-ELFEXT (dB) Min.	ACR (dB) Min.	PS-ACR (dB) Min.
1	70.8	67.8	75.0	73.0
4	58.7	55.7	64.0	62.0
8	52.7	49.7	57.7	55.7
10	50.8	47.8	55.6	53.6
16	46.7	43.7	50.7	48.7
20	44.7	41.7	48.2	16.2
25	42.8	39.8	45.6	13.6
31.25	40.9	37.9	42.8	40.8
62.5	34.8	31.8	32.9	30.9
100	30.8	27.8	24.9	22.9
155	27.0	23.6	21.0	21.5
200	24.7	21.7	18.4	16.4
250	22.8	19.8	13.5	11.5
300	21.2	18.2	9.6	5.0
350	19.9	16.9	5.2	3.2
400	18.7	15.7	1.5	-
450	17.7	14.7	-	-
500	16.8	13.8	-	-
550	15.9	12.9	-	-
600	N/A	N/A	N/A	N/A

* Values above 250MHz are information only.

Category 6E 600MHz FTP
Cable

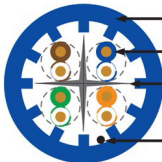
Cable Detail		
		
Description		
23 AWG Shielded Twisted Pair, High-Performance Data Cable		
Applicable Standards		
• UL Listed Type FTP • UL Verified • RoHS Compliant • ATM 155 Mbps • Ethernet 10BASE-T, 100BASE-TX, 100BASE-VG, 100BASE-T4 • 1000 Mbps 1000BASE-T Gigabit Ethernet™ (IEEE 802.3) • 16 Mbps Token Ring™ (IEEE 802.5)		
		
Physical Characteristics		
Conductor Material	Solid Annealed Bare Copper	
Number of Conductor Pairs	4	
Size	23 AWG	
Stranding	Solid	
Insulation Material	Polyethylene	
Overall Diameter	0.045 in. ± 0.0002 in	
Average Thickness	0.0106 in	
Jacket Material	Flame Retardant PVC	
Average Wall Thickness	0.0236 in.	
Nominal Outer Diameter	0.2992 in. ± 0.008 in.	
Nominal Weight	38 lbs.	
Shield Material	Al Foil Shield	
Ripcord	Yes	
Mechanical Characteristics		
Temperature Rating	Installation	0°C to + 60°C
	Operating	-20°C to + 75°C
Tensile Strength	Before	≥ 13.8 Mpa
Elongation	Aging	≥ 100%
Aging Condition		100°C x 168 hours
	After	≥ 85% of unaged
	Aging	≥ 50% of unaged
Insulation Colors		
Pair 1	White / Blue	Blue
Pair 2	White / Orange	Orange
Pair 3	White / Green	Green
Pair 4	White / Brown	Brown
Part Numbers	Jacket Color	Package
	Black, Blue, Green, Grey, Red, White, Yellow	1000FT / Spool

Electrical Characteristics	
Max. Conductor DC Resistance @ 20°C	9.38 Ω / 100 Meters
Maximum Conductor DC Resistance @ 20°C	≤ 9.38 Ω / 100 Meters
Maximum DC Resistance Unbalanced @ 20°C	≤ 5%
Max. Pair-to-Pair Ground Capacitance Unbalance	≤ 330 pF / 100 Meters
Characteristic Impedance (1 ~ 350 MHz)	≤ 100 ± 15 Ω
Mutual Capacitance	≤ 5.6 nF / 100 Meters
Max. Delay Skew	≤ 45 nS / 100 Meters

Electrical Performance				
Frequency (MHz)	Attenuation (dB/100m) Max.	Return loss (dB) Min.	NEXT (dB) Min.	PS-NEXT (dB) Min.
1	2.03	20.0	74.3	72.3
4	3.87	23.0	65.3	63.3
10	5.95	25.0	59.3	57.3
16	7.55	25.0	56.2	54.2
20	8.47	25.0	54.8	52.8
25	9.51	24.3	53.3	51.3
31.25	10.67	23.6	51.9	49.9
62.5	15.38	21.5	50.4	45.4
100	19.80	20.1	47.4	51.3
200	28.98	18.0	44.3	37.8
250	32.85	17.3	39.8	36.3
300	34.00	20.1	38.3	38.2
350	37.00	19.8	40.2	37.2
400	39.70	19.5	38.3	36.3
450	42.10	19.2	37.5	35.5
500	44.90	19.0	36.8	34.8
550	47.30	18.8	36.2	34.2
600	50.7	15.7	44.2	42.2
Frequency (MHz)	ELFEXT (dB/100m) Min.	PS-ELFEXT (dB) Min.	Delay (ns/100m) Max.	ACR (dB)
1	67.80	64.80	570.00	72.70
4	55.76	52.76	552.00	61.40
10	47.80	44.80	545.38	53.35
16	43.72	40.72	543.00	48.69
20	41.78	38.78	542.05	46.31
25	39.84	36.84	541.20	43.82
31.25	37.90	34.90	540.44	41.21
62.5	31.88	28.88	538.55	31.98
100	27.80	24.80	537.60	24.50
200	21.78	18.78	536.55	10.80
250	19.84	16.84	536.28	5.40
300	21.20	18.20	-	-
350	19.90	16.90	-	-
400	18.70	15.70	-	-
450	17.70	14.70	-	-
500	16.80	13.80	-	-
550	15.90	12.90	-	-
600	N/A	N/A	N/A	N/A

* Values above 250MHz are information only.

Category 6A UTP 10G
Cable

Cable Detail		
		
Description		
23 AWG CAT6A, High-Performance Data Cable		
Applicable Standards		
• UL Verified Type • ANSI/TIA-568-C.2 • ISO/IEC 11801 • RoHS Compliant • ATM 155 Mbps • 10/100/1000/10G Base-T (IEEE 802.3) • 4/16 Mbps Token Ring™ (IEEE 802.5) • 100 Mbps TP-PMD • ISDN, ADSL • ATM LAN 1.2G • Horizontal Distribution & Backbone Cabling		
		
Physical Characteristics		
Conductor Material	Solid Annealed Bare Copper	
Number of Conductor Pairs	4	
Size	23 AWG	
Stranding	Solid	
Insulation Material	HDPE	
Overall Diameter	0.04 in. ± 0.0002 in	
Average Thickness	0.0086 in	
Jacket Material	Flame Retardant PVC	
Average Wall Thickness	0.022 in.	
Nominal Outer Diameter	0.3 in. ± 0.008 in.	
Nominal Weight	38 lbs.	
Shield Material	Unshielded	
Ripcord	Yes	
Mechanical Characteristics		
Temperature Rating	Installation	0°C to + 60°C
	Operating	-20°C to + 75°C
Tensile Strength	Before	>= 13.8 Mpa
Elongation	Aging	>= 100%
Aging Condition		100°C x 168 hours
	After	>= 85% of unaged
	Aging	>= 50% of unaged
Insulation Colors		
Pair 1	White / Blue	Blue
Pair 2	White / Orange	Orange
Pair 3	White / Green	Green
Pair 4	White / Brown	Brown
Part Numbers	Jacket Color	Package
	Blue, Grey, White	1000FT / Reel

Electrical Characteristics					
Max. Conductor DC Resistance @ 20°C		6.85 Ω / 100 Meters			
Maximum DC Resistance Unbalanced @ 20°C		5%			
Max. Pair-to-Pair Ground Capacitance Unbalance		330 pF / 100 Meters			
Characteristic Impedance (1 ~ 350 MHz)		100 ± 15 Ω			
Mutual Capacitance		5.6 nF / 100 Meters			
Max. Delay Skew		40 nS / 100 Meters			
Nominal Velocity of Propagation		65%			
Frequency (MHz)	Attenuation (dB/100m) Max.	Return loss (dB) Min.	NEXT (dB) Min.	PS-NEXT (dB) Min.	
1	2.08	20.00	74.30	72.30	
4	3.80	23.01	65.27	63.27	
8	5.31	24.52	60.75	58.75	
10	5.93	25.00	59.30	57.30	
16	7.49	25.00	56.24	54.24	
20	8.38	25.00	54.78	52.78	
25	9.38	24.32	53.33	51.33	
31.25	10.50	23.64	51.88	49.88	
62.5	14.99	21.54	47.36	45.36	
100	19.14	20.11	44.30	42.30	
200	27.58	18.00	39.78	37.78	
250	31.07	17.32	38.33	36.33	
300	34.27	16.77	37.14	35.14	
400	40.05	15.89	35.27	33.27	
500	45.26	15.21	33.82	31.82	
600	50.05	14.66	32.63	30.63	
625	51.20	14.54	32.36	30.36	
650	52.33	14.42	32.11	30.11	
700	54.53	14.19	31.62	29.62	
750	56.68	13.98	31.17	29.17	
Frequency (MHz)	ELFEXT (dB/100m) Min.	PS-ELFEXT (dB) Min.	PS-ANEXT (dB/100m)	PS-AELFEXT (dB/100m)	
1	67.80	64.80	67.00	67.00	
4	55.76	52.76	67.00	66.16	
8	49.74	46.74	67.00	60.14	
10	47.80	44.80	67.00	58.20	
16	43.72	40.72	67.00	54.12	
20	41.78	38.78	67.00	52.18	
25	39.84	36.84	67.00	50.24	
31.25	37.90	34.90	67.00	48.30	
62.5	31.88	28.88	65.56	42.28	
100	27.80	24.80	62.50	38.20	
200	21.78	18.78	57.98	32.18	
250	19.84	16.84	56.53	30.24	
300	18.26	15.26	55.34	28.66	
400	15.76	12.76	53.47	26.16	
500	13.82	10.82	52.02	24.22	
600	12.24	9.24	50.83	22.64	
625	11.88	8.88	50.56	22.28	
650	11.54	8.54	50.31	21.94	
700	10.90	7.90	49.82	21.30	
750	10.30	7.30	49.37	20.70	

*Values above are for reference only.

Category 6A FTP 10G
Cable

Cable Detail		
	- Insulated Conductor - Twisted Pair - Cross(X) - shaped filler - Tinned Copper Wire - Aluminum tape coated with plastic film (Screening)	
Description		
23 AWG CAT 6A 4-Pairs FTP, High-Performance Data Cable		
Applicable Standards		
• UL Listed Type • listed FT6 • ANSI/TIA-568-C.2 • ISO/IEC 11801 • RoHS Compliant • ATM 155 Mbps • 10/100/1000/10G Base-T (IEEE 802.3) • 4/16 Mbps Token Ring (IEEE 802.5) • 100 Mbps TP-PMD • ISDN, ADSL • ATM LAN 1.2G • Horizontal Distribution & Backbone Cabling		
 TIA 568-C.2		
Physical Characteristics		
Conductor Material	Solid Bare Copper	
Number of Conductor Pairs	4	
Size	23 AWG	
Shield Material	Aluminum Tape	
Insulation Material	FEP	
Overall Diameter	0.041 in	
Jacket Material	Plenum Rated PVC	
Jacket Diameter	0.3153 in.	
Spacer Thickness	0.0393 in.	
Outer Sheath Thickness	0.0177 in.	
Nominal Weight	53 lbs.	
Ripcord	Yes	
Mechanical Characteristics		
Temperature Rating	Installation	0°C to + 60°C
	Operating	-20°C to + 80°C
Tensile Strength	Before	>= 13.8 Mpa
Elongation	Aging	>= 100%
Aging Condition		100°C x 168 hours
	After	>= 85% of unaged
	Aging	>= 50% of unaged
Insulation Colors		
Pair 1	White / Blue	Blue
Pair 2	White / Orange	Orange
Pair 3	White / Green	Green
Pair 4	White / Brown	Brown
Part Numbers	Jacket Color	Package
	Blue	1000FT / Reel

Electrical Characteristics					
Maximum Conductor DC Resistance @ 20°C		≤ 9.38 Ω / 100 Meters			
Maximum DC Resistance Unbalanced @ 20°C		≤ 5%			
Max. Pair-to-Pair Ground Capacitance Unbalance		≤ 330 pF / 100 Meters			
Characteristic Impedance (1 ~ 350 MHz)		≤ 100 ± 15 Ω			
Mutual Capacitance		≤ 5.6 nF / 100 Meters			
Max. Delay Skew		≤ 45 nS / 100 Meters			
Frequency (MHz)	Attenuation (dB/100m) Max.	Return loss (dB) Min.	NEXT (dB) Min.	PS-NEXT (dB) Min.	
1	2.08	20.00	74.30	72.30	
4	3.80	23.01	65.27	63.27	
8	5.31	24.52	60.75	58.75	
10	5.93	25.00	59.30	57.30	
16	7.49	25.00	56.24	54.24	
20	8.38	25.00	54.78	52.78	
25	9.38	24.32	53.33	51.33	
31.25	10.50	23.64	51.88	49.88	
62.5	14.99	21.54	47.36	45.36	
100	19.14	20.11	44.30	42.30	
200	27.58	18.00	39.78	37.78	
250	31.07	17.32	38.33	36.33	
300	34.27	16.77	37.14	35.14	
400	40.05	15.89	35.27	33.27	
500	45.26	15.21	33.82	31.82	
600	50.05	14.66	32.63	30.63	
625	51.20	14.54	32.36	30.36	
650	52.33	14.42	32.11	30.11	
700	54.53	14.19	31.62	29.62	
750	56.68	13.98	31.17	29.17	
Frequency (MHz)	ELFEXT (dB/100m) Min.	PS-ELFEXT (dB) Min.	PS-ANEXT (dB/100m)	PS-AELFEXT (dB/100m)	
1	67.80	64.80	67.00	67.00	
4	55.76	52.76	67.00	66.16	
8	49.74	46.74	67.00	60.14	
10	47.80	44.80	67.00	58.20	
16	43.72	40.72	67.00	54.12	
20	41.78	38.78	67.00	52.18	
25	39.84	36.84	67.00	50.24	
31.25	37.90	34.90	67.00	48.30	
62.5	31.88	28.88	65.56	42.28	
100	27.80	24.80	62.50	38.20	
200	21.78	18.78	57.98	32.18	
250	19.84	16.84	56.53	30.24	
300	18.26	15.26	55.34	28.66	
400	15.76	12.76	53.47	26.16	
500	13.82	10.82	52.02	24.22	
600	12.24	9.24	50.83	22.64	
625	11.88	8.88	50.56	22.28	
650	11.54	8.54	50.31	21.94	
700	10.90	7.90	49.82	21.30	
750	10.30	7.30	49.37	20.70	

*Values above are for reference only.

Summit

**Thank
you!**

Summit
Sidecar