



**Zyxel,
Your Networking Ally**

Corporate Overview



ZYXEL NETWORKS



30+



30+ years of
networking expertise

150



150 global markets served

700



700 passionate
associates worldwide

ZYXEL
NETWORKS

100 million



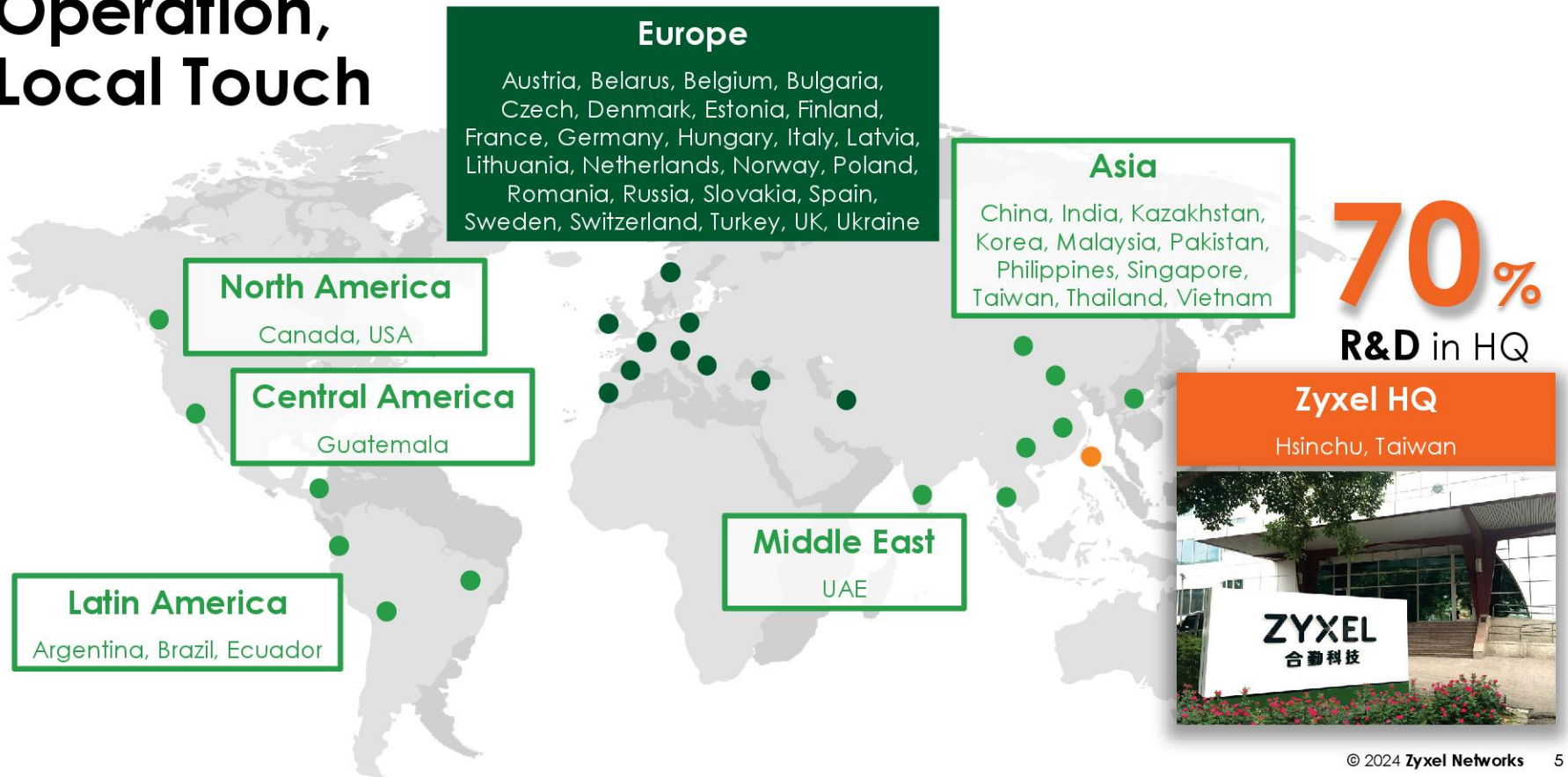
100 million devices
creating global connections

1 million



1 million businesses working
smarter with Zyxel solutions

Global Operation, Local Touch

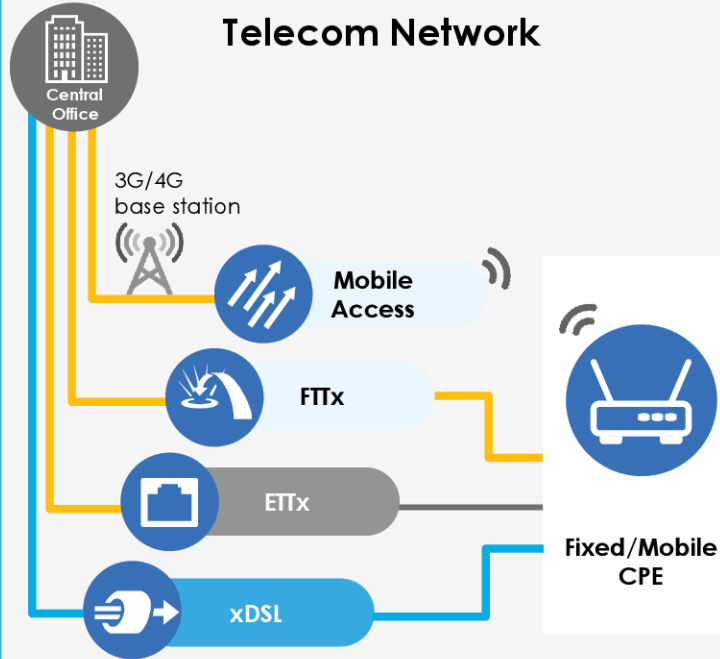


What We Do?

ZYXEL
GROUP

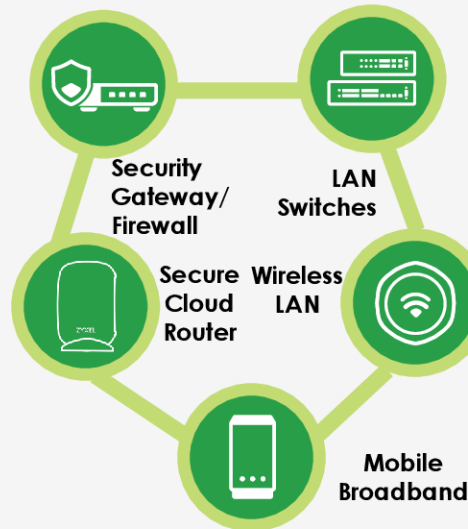
ZYXEL
COMMUNICATIONS

Telecom Network

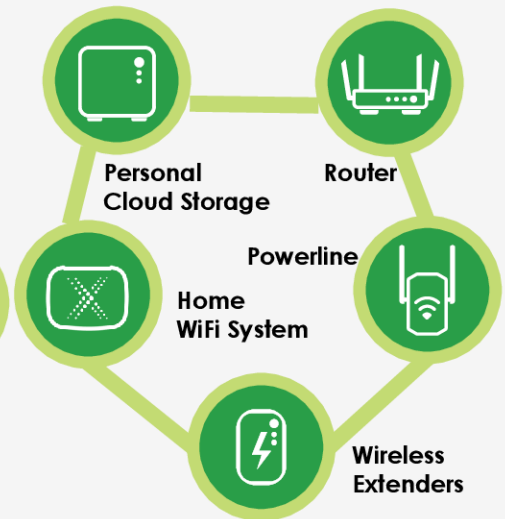


ZYXEL
NETWORKS

Business Network



Home Network



Awards & Recognition



Best Taiwan
Global Brands
Honorable Mention

Taiwan
Excellence
Awards

Swiss IT Reseller
Manufacturer
Award

Network
Computing
Awards, UK
Network Management
Product of the Year

Network
Computing
Awards, UK
Network Infrastructure
Product of the Year

Network
Computing
Awards, UK
Hardware product of
the year -Runner Up

Network
Computing
Awards, UK
The Customer Service
Award-Runner Up

Tinh Te, VN
Network Management
Platform of the Year



Zyxel Solutions For Passive Infrastructure Networks

ZYXEL NETWORKS



Zyxel - Offerings

Zyxel Offers Complete Cabling Solutions for high end Communication Networks in the fields of:

- Office Cabling
- Industrial Cabling
- Enterprise Networks
- FTT-X Networks

We make a vital contribution to the secure transmission of voice, data and video using

- Copper Solutions
- Fiber Optic Systems
- Customized Enclosure Systems

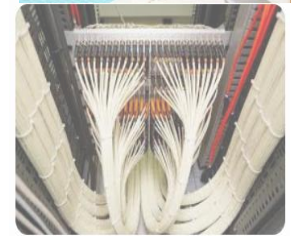


Zyxel - Markets

Solutions Domains

We offer a wide range of solutions covering major industry verticals like

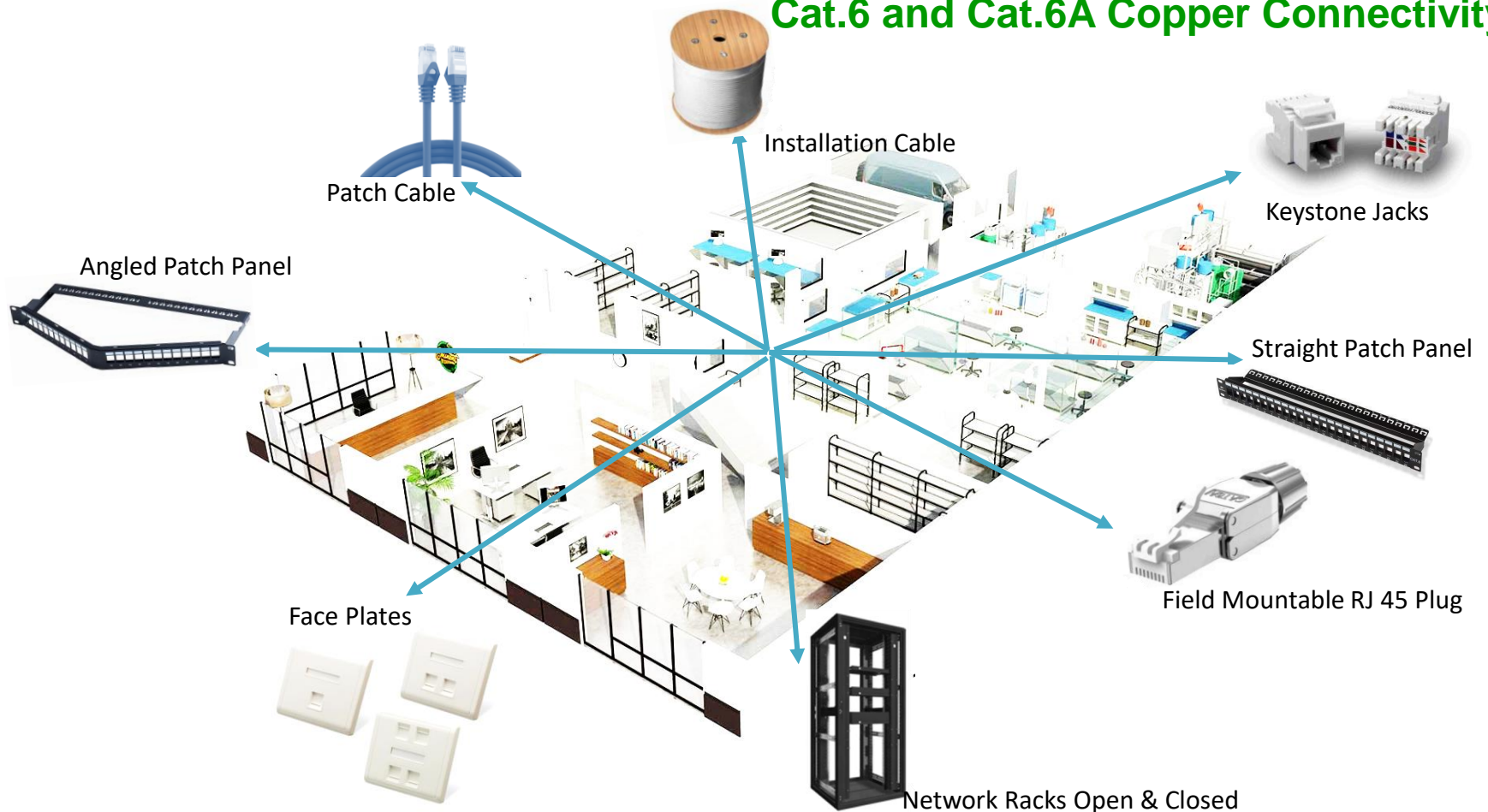
- Education
- Healthcare
- Transportation
- Ecommerce & BFSI
- Hospitality
- Data Center



Zyxel - Offerings

Office Cabling Solutions

Cat.6 and Cat.6A Copper Connectivity



Zyxel - Offerings

FTT-X Cabling Solutions

End 2 End Fiber Systems Connectivity



Fiber Panels



Armored OFC Cable



Fiber Splitters



Fiber Patch Cords



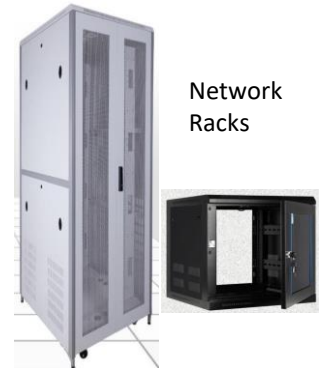
Joint Closures



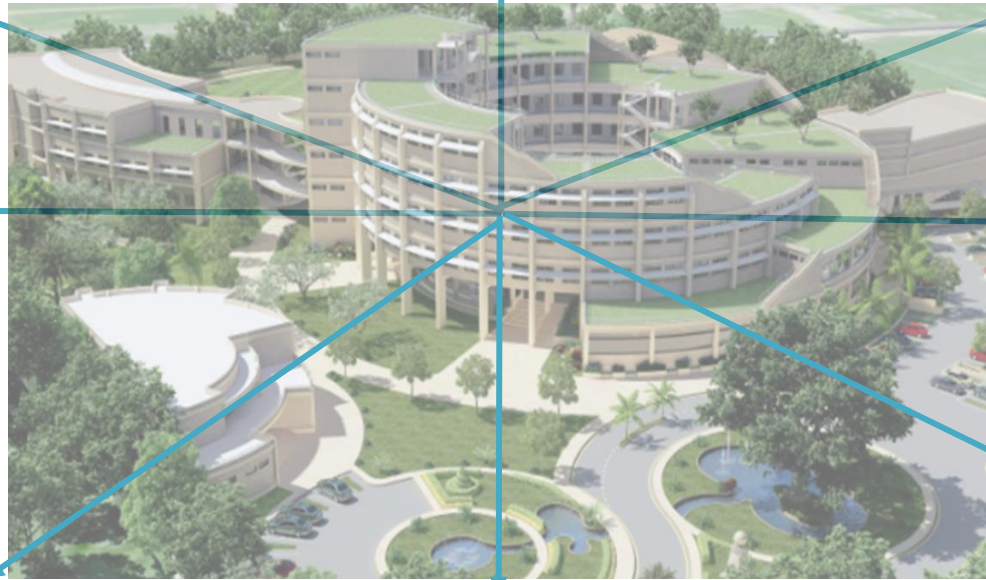
Distribution Boxes



Fiber Drop Cable



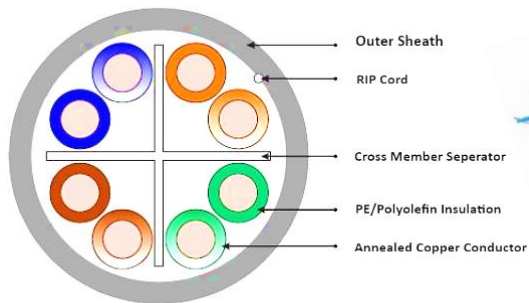
Network Racks



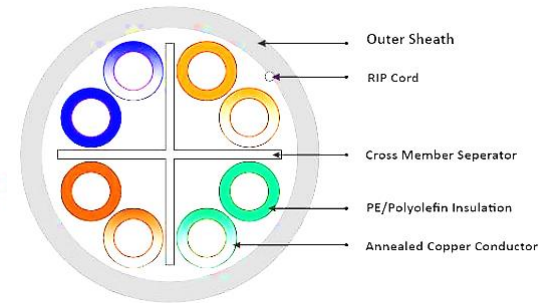
Zyxel - Products

Network Cables

Cat 6 UTP Cable



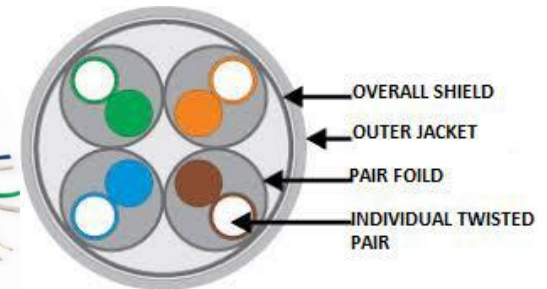
Cat 6A UTP Cable



Cat 6 UTP Armored Cable



Cat 6A S/FTP Cable

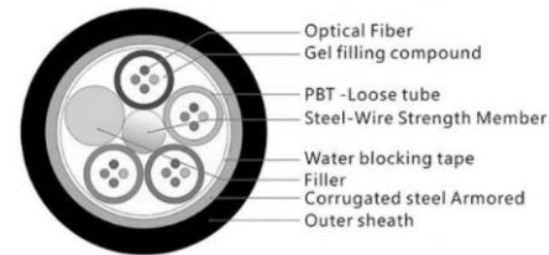


Zyxel - Products

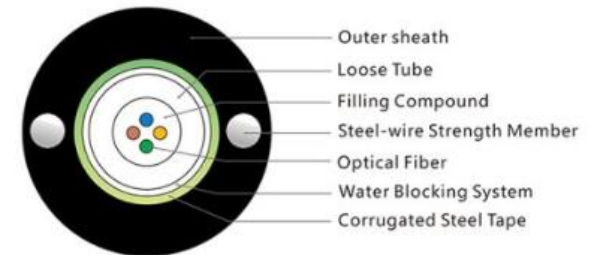
Fiber Cables

Single Mode & Multi Mode Optical Fiber Cable

Multi Tube Fiber Cable



Uni-Tube Fiber Cable



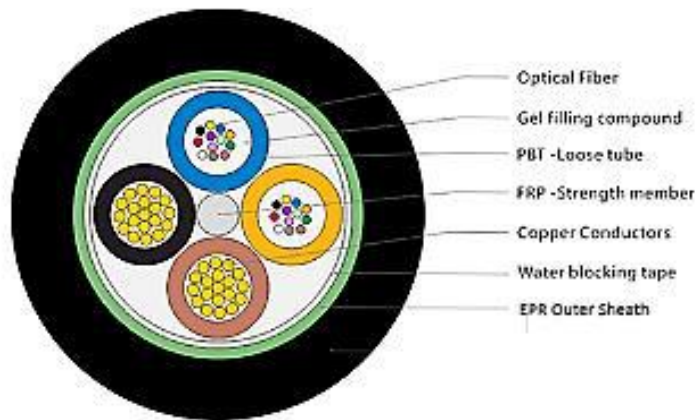
02/ 06 / 12 / 24 / 48 / 96 Core Indoor / Outdoor / Armored Fiber Cables

Zyxel - Products

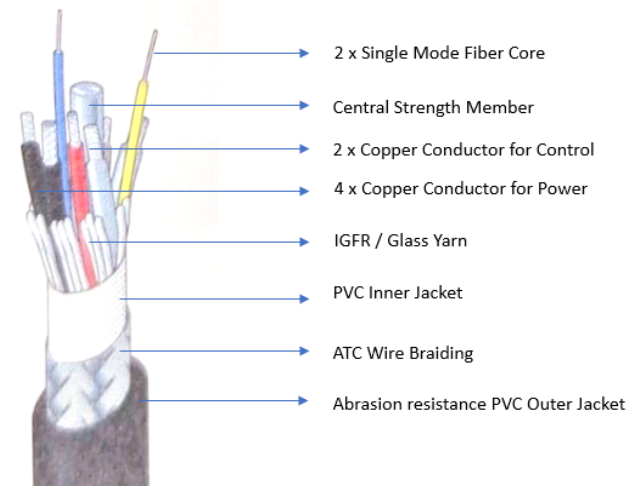
Hybrid Copper and Fiber Cables

Control, Power, Ethernet and Fiber in one Single Cable

8 x Copper, 8 x Fiber Cable



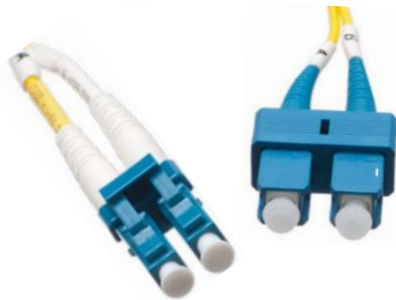
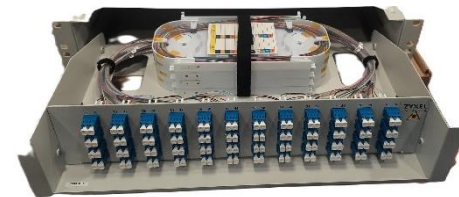
6 x Copper 2 x Fiber Cable



Solution available as per project specific design and requirement.

Zyxel - Products

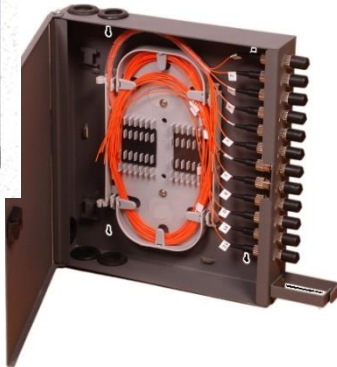
Fiber Components



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Zyxel - Products

Customized Products



Zyxel - Learning

Zyxel Networks

Cable Differentiation Cat. 6 / Cat 6A / Cat 7 / Cat 7A / Cat 8

- CAT 6 – Frequency – 250 Mhz. Can be used for standard 1G Data Transmission in the network.
- CAT 6A – Frequency – up to 500 Mhz. Can be used for standard 10G Data Transmission in the network. Can also be used for 10G – 40G data transfer with in data centres up to 40M.
- CAT 7 - Frequency – Above 650 Mhz. Designed for future 40G Ethernet Connections and in used for 40G transfer with in data centres. All components are proprietary. Not ratified by ANSI /TIA/EIA
- CAT 7A –Frequency – Above 1000 Mhz. Perfect for carrying HD and 4K Video signals. Not advised for commercial cabling systems. All components are proprietary. Not ratified by ANSI /TIA/EIA
- CAT 8 –Frequency – 2000 Mhz. It surpasses Cat7A systems with an impressive 2000 MHz maximum bandwidth. Because of this bandwidth, it directly impacts the data rates, as Cat8 cables supporting a data rate of 25/40 Gbps. The primary benefit of Cat8 cabling is faster throughput over short distances: 40 Gbps up to 25 Mtr and 25 Gbps up to 35 Mtr.

Zyxel - Learning

Zyxel Networks

SCS Installation Standards

- Maximum distance of horizontal cabling is 295 feet (90 meters).
- Patch cords max length 6m
- Horizontal Cabling 90 m
- Equipment Cords 2 m
- 12" Minimum distance from florescent lighting
- 5" Minimum distance between power and data cables.
- Minimum bend radius of 1 to 4 inches
- Cables must be dressed, labeled, and managed
- Cable ties must not be tightened (Velcro is better)
- No staples
- At termination points the jacket should be striped as little as possible < 1/2 ".

Thank You !!!

ZYXEL