

Successful deployment of logical architecture relies on a standards-based approach, utilizing a solid physical infrastructure design addressing the application's environment, network performance expectations, security requirements, and the customer need to scale. A Converged Plantwide Ethernet (CPwE) can best be achieved using the best practices from Information (IT) and Operational (OT).



Industrial Rated UTP, STP, & Armored Fiber Optic Cable



Industrial Shielded, 600V

General GCR1452.21.01 (Cat 6, F/UTP, Solid, PVC, 600V, 4-Pair, Black)

BerkTek 11099215 (Cat 6, FTP, Solid CMR-CMX Outdoor PVC, Teal)

(Other Options Available: Category, Shielding, High Flex)

Industrial Light Duty, 300v

BerkTek 11102422 (Cat 6A XTP Solid CMR-CMX Outdoor PVC, Teal)

(Other Options Available – Category, Shielding, High Flex)



TiniFiber TF6-OM3-PLO

6 Strand 900 μ m Tight Buffer OM3 50/125 Armor, Black, Plenum In/Outdoor
(Other Options Available in 6,12,24 Strand Up to 144 strand)(OM1,3/4, OS2)

Industrial Copper Ethernet RJ45 Connectivity & Fiber Optic Splice Connectors



Panduit IndustrialNet™ TX6A™
Shielded Field-Term Plug
FPS6X88MTG



Panduit Cat 6 TG MiniCom Style Jack

Shielded - CJS688TGY

UnShielded - CJ688TGBUY (Blue)



Simply RJ45 6A Shielded
Field Term Plug
S45-1710S

Panduit Cat 6 NetKey Keystone Style Jack

Shielded - SKJ688BL

UnShielded - NK688MBU



Sumitomo Lynx Splice-On LC Fiber Optic Connectors

OM3/4 – LYNX3-LCPC-OM3-2.0

OS1 – LYNX3-LCPC-SM-2.0

Other Connector Styles & Modes Available (SM, MM (62.5 μ m, 50 μ m, 50 μ m 10GIG)

NEMA Rated Industrial 12RU & 26RU 19" Network Cabinets & Din Rail Brackets

12 RU NEMA Wall Mount Cabinet

Panduit ZDF242430 (Pre-Configured)

Hoffmann PTHS242428G4A

Great Lakes BXWM04-11U26-GY-SH-AC010



26RU NEMA Rated Wall Mount Cabinet

Panduit ZDF48RA (26RU Pre-Configured)

Panduit IDFE482430 (26RU Empty)

Great Lakes BXWM04-25U32-GY-SH

19" Din Rail Brackets

Panduit IABDIN4

Eaton SRDINRAIL2U



12 RU Wall Mount Cabinet

Hoffmann EWMW242430

Eaton SRW12US33G



Industrial Rated RJ45 to RJ45, Shielded 600v 2Pr & 4Pr Patch Cords



**Panduit ISTPH6X3MBL - Industrial Cat 6A, 4pr
Shielded 600 V Patch Cord, 3m, BL (Black)**
(Also Avail in Teal) 1 - 5 meters (every 0.5 meters)
0.3, 0.6, 7, 10, 15, or 20m



**Panduit ISTPHCH3MTL - Industrial Cat 5e, 2pr
Shielded 600 V Patch Cord, 3m, TL (Teal)**
(Also Avail in Black & Blue) 1 - 5 meters (every 0.5
meters) 0.3, 0.6, 7, 10, 15, or 20m

Industrial Ethernet M12 Field Term Plugs & Shielded DinRail Adapters

M12 Field-Term Plug
X Code - ISPS6A88MFA
D Code - ISPS5E44MFA



**Panduit Industrial M12 to RJ45
Coupler Adapter**
D-Code ICAM12DRJS
X-Code ICAM12XRJS
X-Code Angled ICAM12X90RJS



Panduit Din Rail Adapter
Shielded CADIN1IG-S
UnShielded CADIN1IG



UTP, STP & Fiber Optic Din Rail Patch Panels & Fiber Adapter Panels



**Panduit Shielded
Din Rail Patch Panel**
CDPP8RG-S
(Accepts Panduit
MiniCom Style Jacks)

**Eaton Shielded
Din Rail Patch Panel**
N063-008-ENC



**Panduit Din Rail Fiber
Optic Patch Panel**
FDPPSIG

**Panduit 12 & 24 Fiber Duplex
Adapter Panel**
FAP6WAQDLCZ (OM4 MM)
FAP6WBUDLCZ (OS2 SM)
FAP12WAQDLCZ (OM4 MM)
FAP12WBUDLCZ (OS2 SM)



Signamax 10/100/1000 Industrial Ethernet Switch's, SFP's, & Media Convertors



GigaBit POE+ Media Converter - FO-MI10010*
4 Port GigaBit Industrial Switch - FO-SI10041*
8 Port Gigabit POE+ Industrial Switch - FO-SI10011*

Signamax Industrial GigaBit SFP Module
Multimode - FO-065-79SXMG-H
Singlemode - FO-065-79LXMG-H
(* - Utilizes Separate Power Supply)

