

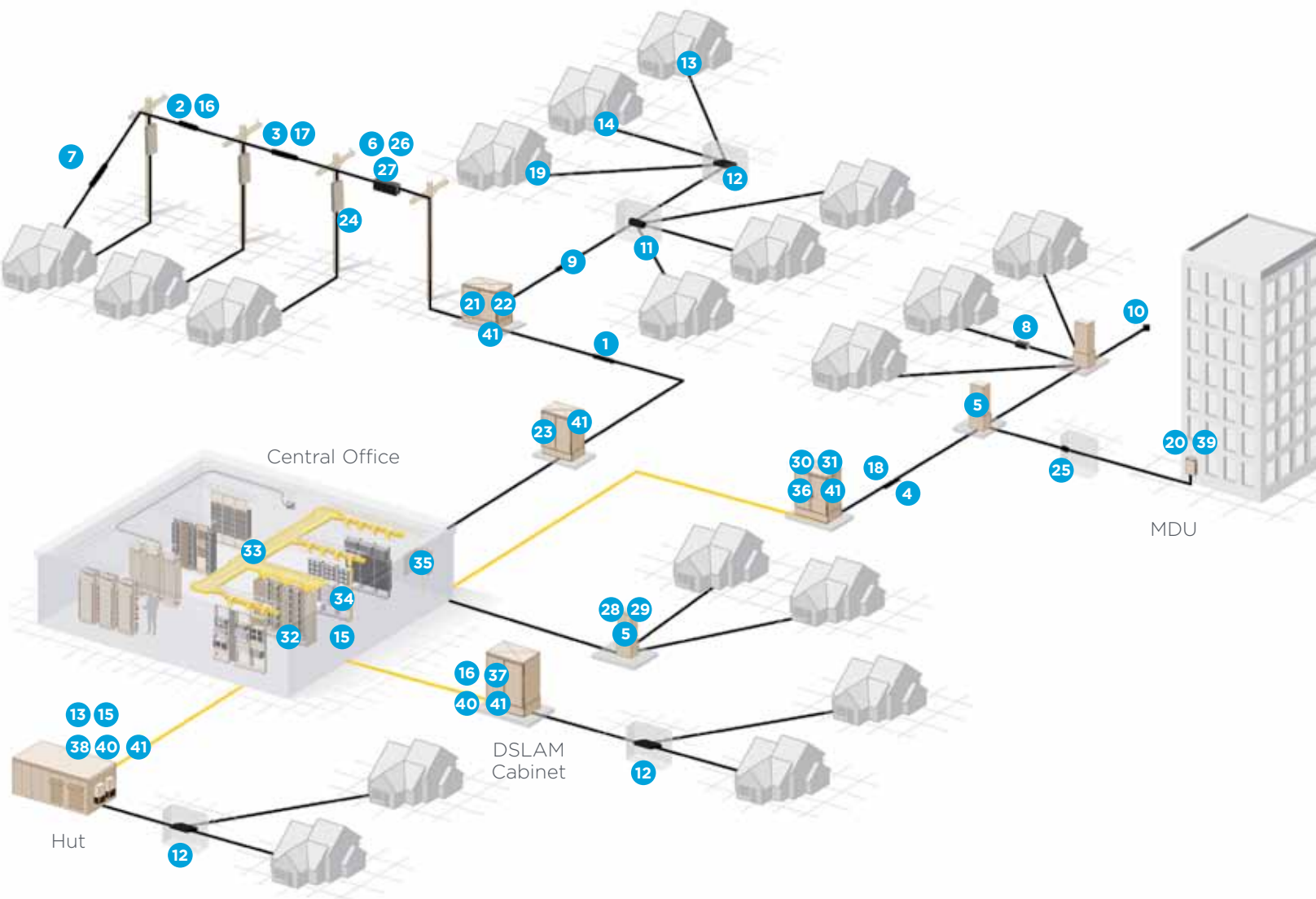


FTTN Solutions

FTTN Solutions

Leading Innovation in Fiber/Copper Connectivity and Cable Management Solutions

TE Connectivity (TE) offers a unique and diverse FTTN solution portfolio that provides superior mechanical, environmental and electrical performance. These FTTN products have been designed to meet or exceed industry requirements for both below and above grade applications.





1
Buried Closure
XAGA 1650



2
Pressurized Closure
XAGA 1000



3
Aerial Closure
XAGA 550



4
Buried, Aerial,
Underground and
Pressurized Closure
GS3



5
Pedestal Closure
GS3



6
Aerial Free
Breathing Closure
TRAC



7
Aerial Service Wire
Closure
CERTI-SEAL



8
Buried Service
Wire Closure
CERTI-SEAL



9
Wraparound
Repair Sleeve
WRSS



10
End Caps



11
Cold Sealed
Terminal Closure
CST



12
Mini Cold Sealed
Terminals
Mini CST



13
Bunching Blocks
and Accessories
IBB Dat@Term



14
Commoning Blocks
for Distribution in IW



15
Digital Transmission
Connector System
C5C



16
25 Pair Modular
Connectors
AMP STACK



17
Discrete Wire
Connectors
PICABOND



18
Discrete Wire
Connectors
TEL-SPLICE



19
Gel Jacks and Plugs



20
Building Entrance
Terminal
UBET

21



Pad Mount Cross-Connect Cabinet
NGXC

22



Add On Terminal
AOT

23



Retro/Matrix
Rehab Cabinet

24



Integrated Pole
Mount Closure
DTerminator PMT

25



Duct Sealing System
TDUX

26



Strand Mounted
Integrated Closure
Terminal DT2 SMT

27



Strand Mounted
Integrated Closure
Terminal DT2 ICT

28



Terminal Block
Systems
DT2

29



Stubbed Pedestal
Terminal Blocks
DTS

30



Gel Sealed Splice &
Patch Fiber Closures
FOSC 450

31



Gel Sealed Splice
Fiber Closures
FOSC 600

32



High Density Fiber
Distribution Frames

33



Fiber Raceway
Systems

34



Fiber Panel
Solutions

35



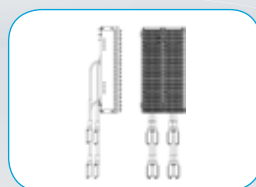
Fiber Entrance
Solutions

36



Cabinets
NCX-1000

37



DSL Protection Kits
for xDSL Cabinets

38



DSL Protection Kits
for Huts and CEVs

39



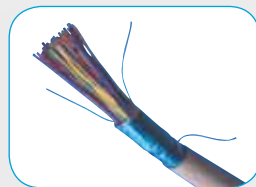
DSL 24-port
DSLAM Blocks

40



DS1 Compact Blocks
for OSP Cabinets

41



High Performance
Cables for
xDSL Delivery

Product Information

1



Buried Closure

XAGA 1650

The XAGA 1650 splice closure system provides a fast, simple way to seal and encapsulate telephone cable splices in nonpressurized, buried cable. The XAGA 1650 closure sleeve is made of SuperSleeve sealing material, which combines the strength and durability of composite design with proven heat-shrink technology.

2



Pressurized Closure

XAGA 1000

The XAGA 1000 splice closure is used for aerial, buried, and underground pressurized applications on polyethylene or lead sheathed cable in sizes up to 3600 pairs.

3



Aerial Closure

XAGA 550

The XAGA 550 closure accommodates in-line or branch splices in polyethylene or lead jacketed cables. Its reliable, watertight seal is re-enterable for cable repair or maintenance. The completed splice is neat, lightweight, and compact.

4



Buried, Aerial, Underground and Pressurized Closure

GS3

GS3 1650 closure sealing sheet material is composed of several layers of specially blended polymers and gels and an aluminum moisture vapor barrier layer. The outer compression wrap provides excellent mechanical strength and provides superior protection from forces such as impact and abrasion. This product is designed for those customers who do not or cannot use heat shrink.

5



Pedestal Closure

G3

The GS3 1650 splice closure system provides a fast, simple way to seal and encapsulate telephone cable spliced in pedestals. The GS3 1650 pedestal splice closure system accommodates cable sizes up to 600 pair.

6



Aerial Free Breathing Closure

TRAC

The TRAC aerial closure system is a toolless re-enterable closure for free-breathing aerial applications. The closure consists of three main components: a central body and two end pieces.

7



Aerial Service Wire Closure

CERTI-SEAL

The CERTI-SEAL 2-pair and 2 through 6 pair aerial drop wire gel closures provide environmental protection of aerial terminations of telephone cable in non-tension drip loop and sheath repair applications.

8



Buried Service Wire Closure

CERTI-SEAL

The CERTI-SEAL buried service wire closures bond and seal butt and in-line splices (2 through 12 pair).

9



Wraparound Repair Sleeve

WRSS

The WRSS wraparound repair sleeve is a fast, simple method for repairing or protecting splices in telephone cable. WRSS wraparound repair sleeves can be used on pressurized or nonpressurized lead or polyethylene sheath cable for underground, buried, or aerial plant.

10



End Caps

VAAC and FC self-adhering, heat-shrinkable cable end caps seal water out and seal pressure in on polyethylene jacketed cable, pipes, and conduits.

11



Cold Sealed Terminal Closure

CST

The CST terminal closure is environmentally sealed and available in both 25 and 50 pair which can be used above or below grade. Craft friendly, tool-less design requires no additional parts or accessories to install standard 2, 3, 5, or 6 pair service drops.

12



Mini Cold Sealed Terminals

Mini CST

The CST terminal closure is environmentally sealed and available in 15 pair which can be used above or below grade. Craft friendly, tool-less design requires no additional parts or accessories to install standard 2, 3, 5, or 6 pair service drops.

13



Bunching Blocks and Accessories

IBB Dat@Term

Dat@Term terminal bunching blocks are designed for a wide range of applications. Available in 1, 2 and 4-line configurations, each block incorporates 8 rotating toggles for toolless, pair-at-a-time IDC terminations that connect, protect, and environmentally gel seal 22 to 26 AWG insulated solid conductors.

14



Commoning Blocks for Distribution in IW

One- and two-line commoning blocks are designed to provide multiple pair outputs for each input pair.

15



Digital Transmission Connector System

C5C

C5C digital transmission connectors are a classic example of design and applied technology for achieving low attenuations, high insulation resistance, high SNR, and maximum bit-rates for CAT5 applications. C5C connectors use high performance gel to protect from weather and pollution elements.

16



25 Pair Modular Connectors

AMP STACK

The AMP STACK Mark III 25 pair connectors are designed to mass terminate communication cables of solid copper or aluminum conductor wires ranging from 0.32 to 0.8 mm of diameter, (28 to 20 AWG).

17



Discrete Wire Connectors

PICABOND

PICABOND connectors provide an economical and reliable means of splicing multiconductor telephone cable. Lightweight and compact, PICABOND splices reduce the space required over other splicing techniques by up to 33%.

18



Discrete Wire Connectors

TEL-SPLICE

Tel-Splice connectors provide an economical and reliable means of splicing telephone cable conductors. Tel-Splice applications include load coils, stub cables, ready access terminals and trunk and tool cables.

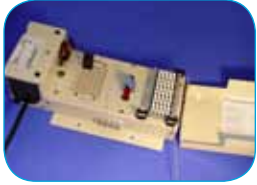
19



Gel Jacks and Plugs

Gel filled RJ Jacks and Plugs for harsh environments.

20



Building Entrance Terminal

UBET

UBET terminals are designed for indoor and outdoor applications as a demarcation point which protects and distributes central office cable pairs at the subscribers' premises. The modular design allows maximum flexibility and easy expansion.

21



Pad Mount Cross-Connect Cabinet

NGXC

The NGXC next generation pad mount cross-connect cabinet is designed for network applications that require a feeder/distribution interface point. Cabinets feature Dat@Term terminal blocks contained within a powder coated steel and aluminum housing for pad mounting.

22



Add On Terminal

AOT

The 400 Pair Add-On-Terminal is an outdoor enclosure designed to be mounted on the side of an existing cross-connect cabinet to provide additional cross-connect capacity without having to retrofit or replace the existing cabinet.

23



Retro/Matrix Rehab Cabinet

Retro Cabinets facilitate the expansion of existing cross-connect cabinets without service interruption. Ideal for areas which have outgrown the original circuit capacity, Retro-cabinets eliminate the costs and right-of-way approvals associated with placing a new cabinet.

24



Integrated Pole Mount Closure

D Terminator PMT

The DT2 pole mount terminal utilizes TE's revolutionary GelGuard gel sealing technology to environmentally protect the wire connections. The D Terminator 2 PMT terminal block offers enhanced characteristics in a rugged aluminum housing with a swing-out door.

25



Duct Sealing System

TDUX

The TDUX inflatable duct sealing system wraps around cables in the ducts of manholes or exchange vaults. The product effectively seals telephone cable ducts, stopping or preventing water from leaking into the manhole or vault.

26



Strand Mounted Integrated Closure Terminal

DT2 SMT

The DTerminator 2 SMT strand-mounted aerial terminal is intended for new construction and rehabilitation, providing mechanical strength, security, and environmental protection for wire connection. The SCT terminal consists of two main components: a DTerminator 2 terminal block and a central housing.

27



Strand Mounted Integrated Closure Terminal

DT2 ICT

The DTerminator 2 ICT integrated closure terminal is a strand-mounted, free breathing, aerial closure terminal intended for new construction and rehabilitation, providing mechanical strength, security, and environmental protection for your splice. The kit contains four main components: two gel end-pieces, one central housing, and one DTerminator 2 terminal block. The product is available in two splice chamber sizes: A and B.

28



Terminal Block Systems

DT2

The DTerminator 2 PTB/PTX/PTP pedestal mounted terminal block systems utilize TE's revolutionary GelGuard gel sealing technology to environmentally protect the wire connections. Three models have been designed. The DTerminator 2 PTB terminal block offers enhanced characteristics with a versatile mounting system suitable for attachment to any pedestal faceplate. This model cannot be protected.

The DTerminator 2 PTX upgradable terminal block includes a grounding strip. Although it is an unprotected model, the PTX driver modules can be easily replaced in the field with protected driver modules, creating a protected pair unit when needed.

The DTerminator 2 PTP protected terminal block contains driver modules with environmentally sealed circuit protectors. Each connection is protected by a three-element gas discharge tube.

29



Stubbed Pedestal Terminal Blocks

DTS

TE's Dat@Term stubbed pedestal terminal blocks set a new standard for outside plant telephony connectivity. DTS terminal blocks utilize Insulation Displacement technology designed for high speed data transmission. The DTS terminal block offers enhanced characteristics with a versatile mounting system suitable for attachment to any pedestal faceplate. This model is suitable for applications where protection is not required.

30



Gel Sealed Splice and Patch Fiber Closures

FOSC 450

The FOSC family of fiber optic splice closures is available with gel sealing technology for cable terminations. This product line, known as the FOSC 450 closure family, can be used in any environment (aerial, pedestal, buried, and underground) and for numerous splice applications (expressed, tap-off, branch and repair).

31



Gel Sealed Splice Fiber Closures

FOSC 600

The FOSC 600 C and D closures are more than just fiber optic splice closures. They are rugged and versatile platforms that can be deployed anywhere in the outside plant for a multitude of functions including the splicing of most any type and size of cable, the housing of connectorized distribution and demarcation points, and the deployment of optical passives.

32



High Density Fiber Distribution Frames

Next Generation Frame (NGF)

The Next Generation Frame (NGF) is a high density, modular solution for building lineups in a fiber optic facility. Each frame option is designed with an emphasis on superior cable management and ease of use, including features such as ample trough space for cable and jumpers, easy access to connectors and storage for jumpers.

33



Fiber Raceway Systems

FiberGuide® Optical Raceway System

This innovative cable management solution is designed to protect and route fiber optic patch cords and multi-fiber cable assemblies between network elements and optical distribution frame areas. Available in multiple sizes from 2X2 to 4X24.

34



Fiber Panel Solutions

LSX Distribution Panel

The LSX panel provides a physical interface between fiber optic cables (terminated on the rear side of the bulkhead) and patch cords (terminated on the front). LSX panels are pre-terminated and adaptable to 19" or 23" rack mounting, WECCO or EIA spacing.

35



Fiber Entrance Solutions

Fiber Entrance Cabinets (FEC)

The Fiber Entrance Cabinet (FEC) provides splicing, administration and storage for outside plant (OSP) and intrafacility cables (IFC). The cabinets are designed for deployment in a building equipment area. The FEC offers a cost-effective, space-saving alternative to splicing on the fiber frame.

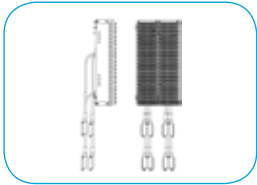
36



Small & Medium Cabinet *NCX-1000*

The NCX 1000 cabinet integrates TE's Distribution Intercept (DI) broadband service delivery cross-connect inside a compact pad or pole mounted cabinet specifically designed for today's new breed of hardened (brick) DSLAMs. The NCX 1000 family of cabinets supports from 48 to 144 DSLAM ports and up to 600 OSP pairs and allows strategic placement deep in the network to achieve required loop lengths for optimum bandwidth on xDSL services.

37



DSL Protection Kits for xDSL Cabinets

DSL protection kits are designed for DSLAM cabinets. Kits accommodate cross-connect and external splice applications.

38



DSL Protection Kits for Huts and CEVs

220 pair DSL protection kits are for use in 7300/7330 DSLAM huts and CEVs.

39



DSL 24-port DSLAM Blocks

24 port DSLAM blocks can be wall or rack mounted.

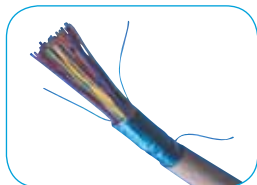
40



DS1 Compact Blocks for OSP Cabinets

16 and 28 circuit series NT DS1 blocks are designed for cabinets in outside plant environments.

41



High Performance Cables for xDSL Delivery

High performance riser cable for backbone and horizontal applications are produced by highly automated manufacturing processes that ensure consistent quality and dependability with superior electrical performance.



Walker and Associates is a national distributor of network products for broadband providers, including wireline, wireless, cable TV, government and enterprise network operators. Walker's extensive range of products from over 350 suppliers facilitates carriers' delivery of high speed Internet, video, data and voice services to residential, business, and mobile users.

Walker supports communications delivery technologies such as IP, VoIP, Ethernet, fiber, FTTX, BLC, MSAP, optical multiplexing, routing, point-to-point wireless, point-to-multi-point wireless, wireless amplification and WiMAX. In addition, Walker provides a host of physical plant products including fiber/copper connectivity, power systems, indoor/outdoor enclosures and outside plant products.

Walker and Associates is proud to be a Platinum Partner with TE Connectivity. Together we collaborate in stocking the right mix of products to assist customers in providing the best prices, faster lead times, product specialization and support.

In addition to supplying basic material, Walker also provides network deployment services, including product engineering, installation, systems integration and unsurpassed customer service. In an advisory capacity, Walker helps network designers make wise product selection decisions for optimum network performance, scale and operating cost. In a hands-on capacity, Walker kits, integrates and installs products to help carriers efficiently deploy networks.

Walker performs important promotional, logistics, supply chain management and technical support services for its manufacturer base. Walker is TL9000/ISO 9000 quality certified, and it is a certified woman-owned corporation. The company celebrated 40 years of success in 2010.

If you have any questions regarding specific products, solutions or applications, please contact your Walker and Associates Sales Executive at 1-800-WALKER1 or visit www.walkerfirst.com.

Contact us:
Corporate Headquarters
7129 Old Highway 52 N.
Welcome, NC 27374

www.walkerfirst.com

Walker and Associates, Inc., does not manufacture the items described in this publication. Except as stated for Walker and Associates, users are requested to determine directly from the manufacturers' tests or to make their own test to determine the suitability of these materials for their application and to be guided by the result of such test. All applicable warranties are provided by the manufacturer. Purchasers are requested to determine directly from the manufacturers the applicable product warranties and limitations. Data and suggestions made in this publication are not to be construed as recommendations to use any products in violation of any government law or regulation relating to any material or its use.

TE Connectivity, TE Connectivity logo, XAGA 1650, XAGA 1000, XAGA 550, GS3, TRAC, CERTI-SEAL, GSIC, FGST, WRSS, CST, Dat@Term, CSC, AMP STACK, PICABOND, TEL-SPLICE, UBET, NGXC, AOT, DTerminator 2, GelGuard, and FiberGuide, are trademarks. All other products or company names referred to herein might be the property of their respective owners.



While TE Connectivity has made every reasonable effort to ensure the accuracy of the information in this document, TE Connectivity does not guarantee that it is error-free, nor does TE Connectivity make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE Connectivity reserves the right to make any adjustments to the information contained herein at any time without notice. TE Connectivity expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this document are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE Connectivity for the latest dimensions and design specifications.