

PRODUCT FAMILIES AND TECHNICAL SELECTIONS

Fiber and FTTH Product Portfolio

Explore ComponexX fiber solutions by product family, from access distribution and subscriber drops to optical connectivity, passive components and fiber management.



ACCESS / CABLE / CONNECTIVITY / OPTICAL PASSIVES

A broader portfolio for your network

The products shown are selected examples of our broader offering. Use the family pages to explore the range and the featured configurations to review detailed specifications. Send us a part number, drawing or installation requirement to begin.

NAVIGATION

Explore the Product Families

A visual range overview opens each family. Featured configurations and detailed selection tables follow within the same section.

Pages	Product family
4–7	Access Terminals and Enclosures
8–11	Fiber Cable
12–20	Preterminated Fiber Assemblies
21–31	Connectors and Adapters
32–37	Splitters and Wavelength Management
38–40	Patching and Fiber Management
41–43	Optical Attenuation
44–45	Applications and inquiries

How to use this catalog

Start with the product family, then compare the configuration choices. Featured configurations identify selected products with detailed information; they are examples within the range. Other formats can be defined around your application.

Click a family above, or choose [Applications](#) below to start with the job.

SELECT BY NETWORK TASK

Start with the Application

Find the part of the network you are improving, then compare the connection, cable and installation choices that matter for that job.

Your requirement	Start here	Decisions to compare
Connect subscriber drops	Terminals and enclosures Pages 4–7	Port layout, split ratio, cable entries and mounting
Route fiber to the premises	Fiber cable Pages 8–11	Route, construction, length and bend radius
Connect equipment or panels	Preterminated assemblies Pages 12–20	End interfaces, fiber, simplex/duplex and length
Terminate or adapt a connection	Connectors and adapters Pages 21–31	Termination method, connector polish and cable fit
Distribute optical power	Splitters and wavelength management Pages 32–37	Split ratio or wavelength plan, housing and optical budget
Organize fibers at the handoff or rack	Patching and fiber management Pages 38–40	Port count, panel fit, routing and service access
Set received power or test a link	Optical attenuation Pages 41–43	Fixed or variable loss, wavelength and interface

Planning a branded supply program?

Combine the assembly with the label and packaging your installation team or customer will use. See the practical options on page 20.

Read technical limits in context

IL is insertion loss; RL is return loss. Compare values for the same fiber, wavelength and connector configuration. A maximum limit and an average value describe different things. Cable tensile ratings are separate from connector pulling limits.

01 / PRODUCT FAMILY

Access Terminals and Enclosures

Protect and organize the network from feeder splicing to the final distribution point. Choose the enclosure around the route, fiber capacity and connection method.



Hardened access terminals

External plug-in drops, with selected splitter and port arrangements.



Dome splice closures

Tray-based feeder splicing and protected fiber storage.



Horizontal closures

Inline or branching cable routes with organized splice access.



Distribution and terminal boxes

Wall or pole formats for adapters, splitters and subscriber drops.

Selection	Configure around
Connection	Spliced entries, protected external ports or internal adapter interfaces
Capacity and access	Fiber/splice count, splitter arrangement, feeder entries and drop exits
Installation	Wall, pole or aerial mounting; cable seals, routing and service access

Detailed selections in this family: 5–7.

FEATURED CONFIGURATION / CX-MST-17/18

Multiport Fiber Access Terminal

External hardened drop connections with optional integrated PLC splitting.



Specification	Details
Port configurations	17 or 18 ports; input/output assignment by configuration
Housing / dimensions	Reinforced PC+ABS; 330 × 190 × 108 mm (L × W × H)
Sealing / protection	Mechanical sealing; IP68 with correct assembly and cable seals
Optical fiber	Single-mode G.657.A1 / G.657.A2
PLC splitter options	1×8 or 1×16 mini PLC
PLC insertion loss	≤10.5 dB (1×8); ≤13.5 dB (1×16)
Optical test wavelengths	1310 / 1490 / 1550 nm
PLC return loss / directivity	≥55 dB (APC) / ≥55 dB
PLC uniformity	≤0.8 dB
Operating temperature / humidity	–40 to +65 °C; ≤95% RH
Mounting options	Wall, pole or aerial

Specify the input/output map, hardened interface, cable seals and mounting kit. PLC values refer to the stated terminal option; do not substitute standalone splitter-module limits.

FEATURED CONFIGURATION / CX-FATC-003

Fiber Access Terminal Closure

Feeder-to-drop splicing, cable branching and protected fiber storage in one enclosure.



Parameter	Specification
Overall dimensions	380 × 245 × 155 mm
Enclosure material	Engineering polycarbonate with UV stabilizer
Splice capacity	Up to 96 fibers: four trays × 24 splices
Feeder cable entry	One uncut-cable entry; cable diameter 10–17.5 mm
Branch cable entries	Two entries; cable diameter 8–17.5 mm
Drop cable ports	24 ports; standard configuration for cable diameter below 4 mm
Seal and protection	Mechanical gasket and bolted closure; IP68 with correct assembly and sealing
Operating temperature	–40 °C to +85 °C
Mounting options	Wall, pole or aerial lashing; specify the required mounting accessories

Choose seals for the actual cable diameters and specify the splice-tray arrangement. Follow the installation instructions for cable preparation and closure.

FEATURED CONFIGURATION / CX-SAT SERIES

Splitter Access Terminal

A compact splitter assembly with hardened input and output leads, prepared for the selected drop layout.



Specification	Details
Closure dimensions	145 × 105 × 50 mm
Cable / fiber	4.8–5.0 mm black TPU cable; single-mode G.657.A1
Optical connection	Hardened inline SC/APC interface
Lead lengths	Input 0.3 m; output 0.5 m; custom lengths by specification
Return loss	≥55 dB
Protection / operating temperature	IP68 when correctly mated and sealed; –40 to +70 °C

Split configurations

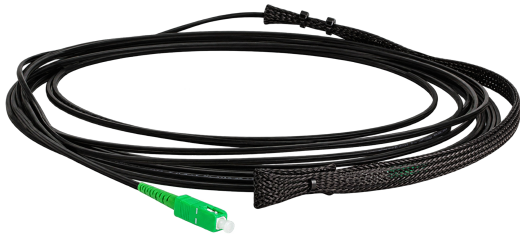
Part number	Split	Maximum IL	Net weight
CPX-SAT-102	1×2	4.5 dB	0.4 kg
CPX-SAT-104	1×4	7.8 dB	0.6 kg
CPX-SAT-108	1×8	11.0 dB	0.8 kg
CPX-SAT-116	1×16	13.7 dB	1.2 kg

The CX-SAT family uses the CPX-SAT order references shown. Specify interface, lead lengths and mounting. Seal every unused connection.

02 / PRODUCT FAMILY

Fiber Cable

Cable construction should fit the installation. The range includes subscriber drops, indoor distribution, outdoor feeder and microduct formats.



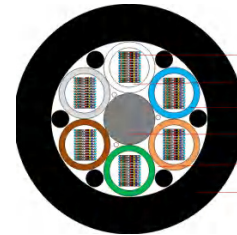
Premises and drop cable

Peelable MicroDrop and flat dielectric FTTH constructions.



Indoor distribution

Breakout and micromodule choices for building fiber routes.



Outdoor feeder and ADSS

Loose-tube, armored and self-supporting construction directions.

Microduct cable

Compact cable constructions for compatible duct and blowing systems.

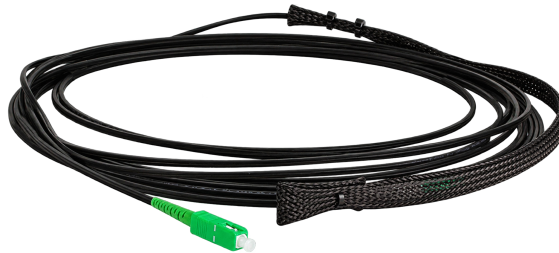
Selection	Configure around
Optical design	Fiber count, single-mode or multimode type and attenuation limits
Mechanical design	Jacket, reinforcement, diameter, bend radius and installation loads
Route and supply	Indoor/outdoor route, span or duct, reel length and connectorization

Detailed selections in this family: 9–11.

FEATURED CONFIGURATION / CPX-PMDC SERIES

Peelable MicroDrop Cable

One continuous indoor/outdoor cable with factory-terminated options and a peelable subunit for discreet premises routing.



Specification	Details
Fiber type	Single-mode G.657.B3
Construction	Indoor/outdoor dielectric flat drop
Flame rating	OFNR, FT-4
Nominal outside dimensions	2.0 mm × 3.0 mm
Nominal weight	4 lb / 1,000 ft
Pull tension: installation / operation	100 lbf (45 kgf) / 30 lbf (14 kgf)
Bend radius: jacketed	63.0 mm (2.5 in)
Bend radius: 900 µm subunit	5.0 mm (0.2 in)
Installation temperature	-30°C to 60°C
Operating temperature	-40°C to 70°C
Maximum attenuation / wavelengths	0.4 dB/km at 1310 nm / 0.3 dB/km at 1550 nm
Insertion loss	0.3 dB
Back reflection	-65.0 dB

FRP strength members. Listed standard references: GR-409, GR-326, GR-20 and ANSI-ICEA-S-104-696. Confirm the selected cable marking and supporting documents for the installation.

CPX-PMDC SERIES

MicroDrop Ordering Options

Build the order reference from the connector pair, length and end preparation. The peel and pull-sock choices are shown separately below.

SC/APC at both ends

Part number	Length
CPX-PMDC-SASA010F-S	10 ft
CPX-PMDC-SASA050F-S	50 ft
CPX-PMDC-SASA100F-S	100 ft
CPX-PMDC-SASA200F-S	200 ft

Order field	Code
Connector A	SA = SC/APC
Connector B	SA = SC/APC; NA = none
Length / units	3-digit length; F = feet; M = meters

Choose the end preparation

Suffix	Peel treatment	Pull sock
Blank	No pre-peel	No
PE	No pre-peel	Yes
A	¼ in of peel exposed	No
S	¼ in of peel exposed	Yes

Example: CPX-PMDC-SASA050F-S specifies SC/APC at both ends, 50 ft, with a pre-peeled end and pull sock. The S option exposes a clear 900 µm subunit.

The jacketed cable and exposed subunit have different bend limits. Use the cable ratings on page 9 when planning the route.

FEATURED CONFIGURATION / CX-DROP-2X3

Dielectric FTTH Drop Cable

Outdoor flat cable for field-cut installation lengths and configured connector assemblies.



Specification	Details
Fiber	1 × ITU-T G.657.A2 single-mode
Nominal cable dimensions	2.0 × 3.0 mm
Tight buffer diameter	0.9 mm
Strength members	Dual parallel FRP
Jacket	UV-stabilized black HDPE
Attenuation at 1310 nm	≤0.34 dB/km
Attenuation at 1550 nm	≤0.20 dB/km
Bend radius: installation / static	≥20 × cable diameter / ≥10 × cable diameter
Operating / storage temperature	−40 to +70 °C / −50 to +80 °C
Standard reel length	2,000 m
Standard reference	YD/T 1951-2018

CPX-LX11-B supports the specified 2.0 × 3.0 mm profile. Select field or factory termination and the required mating interface.

Preterminated Fiber Assemblies

Connect the drop, the building and the equipment with factory-prepared assemblies. Specify both ends, the cable construction and the installation length together.



Hardened drop assemblies

Protected-to-standard patch cords, drop assemblies and pigtails.



Pigtails and fan-outs

Prepared connector ends for splicing and organized fiber distribution.



Patch cords

Single-mode and multimode connections in common interface formats.



MPO trunks and breakouts

Multi-fiber assemblies for cassette and panel interconnection.

Selection	Configure around
End interfaces	SC, LC, FC, ST, MPO or selected protected geometry; APC/UPC as applicable
Assembly	Simplex, duplex or multi-fiber; length, fan-out, polarity and pulling provisions
Acceptance	Optical limits, identification, packaging and the selected mating interface

Detailed selections in this family: 13–20.

FEATURED CONFIGURATION / CX-OPT-SA-SA

Hardened SC APC Patch Cord

A factory-terminated hardened SC/APC interface to a standard SC/APC connection.



Specification	Details
Connector configuration	OPT-SC/APC hardened interface to standard SC/APC
Optical fiber	1 × single-mode G.657.A2
Cable / reinforcement	3.0 mm round LSZH jacket; aramid yarn
Connector insertion / return loss	≤0.3 dB / ≥60 dB at 1310 and 1550 nm
Loss change: interchange / repeat	≤0.2 dB / ≤0.2 dB
Fiber attenuation	≤0.35 dB/km at 1310 and 1550 nm
Cable tensile load, long / short term	120 N / 240 N
Cable crush resistance	1,000 N per 100 mm
Minimum cable bend radius	15D long term; 20D short term; D = cable diameter
Operating temperature	−40 to +85 °C

Specify length and exact hardened mating geometry. Protect the standard SC/APC end within the appropriate installation. Cable loads do not establish connector pulling limits.

PRETERMINATED FIBER ASSEMBLIES

Hardened Drop Assemblies

Compare the round cable assembly and the flat figure-8 pigtail. Both require the exact hardened mating interface and end preparation.

CX-OPT-SCAPC-PC



Specification	Details
Optical fiber	1 × single-mode G.657.A2
Cable outside diameter	5.0 ±0.2 mm
Jacket / tight buffer	Black LSZH / 0.9 mm blue PVC tight buffer
Strength members	Aramid yarn and stainless-steel mesh
Optical interface	Hardened OPT/SC/APC configuration
Connector insertion / return loss	≤0.3 dB / ≥60 dB at 1310 and 1550 nm
Loss change: interchange / repeat	≤0.2 dB / ≤0.2 dB
Fiber attenuation	≤0.35 dB/km at 1310 and 1550 nm
Cable tensile load, long / short term	450 N / 2,000 N
Minimum cable bend radius	10D long term; 20D short term; D = cable diameter
Cable operating temperature	–20 to +70 °C

This construction includes metal. Specify grounding, route, length and both end interfaces. Cable load ratings are not allowable pulling forces through connectors.

CX-OPT-SCAPC-PT



Specification	Details
Optical fiber	1 × single-mode G.657.A2
Cable profile	Flat figure-8; (2.0 ±0.1) × (5.1 ±0.1) mm
Jacket	Black LSZH
Reinforcement	FRP elements with a galvanized-steel messenger
Optical interface	Hardened OPT/SC/APC
Connector insertion / return loss	≤0.3 dB / ≥60 dB at 1310 and 1550 nm
Loss change: interchange / repeat	≤0.2 dB / ≤0.2 dB
Fiber attenuation	≤0.35 dB/km at 1310 and 1550 nm
Cable tensile load, long / short term	300 N / 600 N
Cable crush, long / short term	1,000 / 2,000 N per 100 mm
Cable operating temperature	–20 to +70 °C

Specify length and opposite-end preparation. Match the messenger support and grounding to the route. No direct-burial or connector pulling rating is implied.

03 / CONFIGURATION OPTIONS

Single-Mode Patch Cords

Connect panels, terminals and equipment with matching-end or hybrid assemblies. Choose each end to fit the port it serves.



SC/UPC to SC/UPC

OS2 G.652.D • simplex • 3.0 mm
For SC/UPC patching between equipment and panels.



SC/APC to SC/APC

G.657.A2 • simplex • 3.0 mm
For SC/APC connections in FTTH and optical distribution.



SC/UPC to SC/APC

G.657.A2 • simplex • 3.0 mm
A hybrid assembly for ports with different end finishes.



FC/APC to FC/APC

OS2 G.652.D • simplex • 3.0 mm
For threaded FC/APC equipment and panel interfaces.

LC configurations

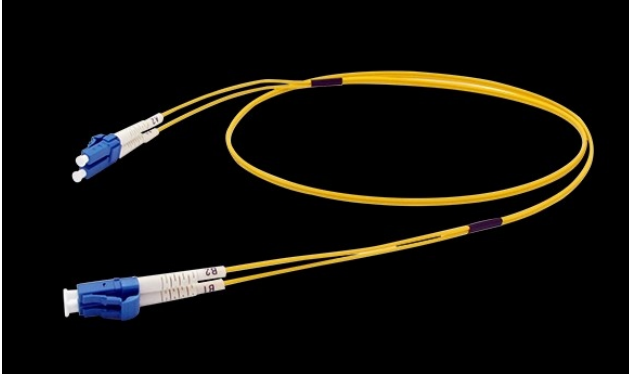
End interfaces	Fiber / construction
LC/UPC to LC/UPC	OS2 G.652.D • duplex • 2.0 mm
LC/UPC to SC/UPC	OS2 G.652.D • simplex • 2.0 mm

Choose the length and jacket for the route, then add the identification needed for installation and repeat orders.

03 / CONFIGURATION OPTIONS

Duplex and Multimode Connections

Choose the fiber category to suit the link, then define the connector pair and duplex layout. The construction and the fiber category are separate choices.



Zip-cord duplex



Flat duplex

The photographs show duplex construction with yellow single-mode cable. Multimode configurations are listed below; fiber identification is on page 19.

Multimode configuration examples

End interfaces	Fiber	Construction
LC/UPC to LC/UPC	OM3	Duplex • 2.0 mm
LC/UPC to LC/UPC	OM4	Duplex • 2.0 mm
SC/UPC to LC/UPC	OM2	Duplex • 2.0 mm
LC/UPC to LC/UPC	OM5	Duplex • 2.0 mm
MPO to LC fan-out	OM4	Channel count and branches by drawing

From a pair of fibers to a fan-out

Duplex cords keep two paths together for equipment-to-panel connections. Fan-outs distribute multiple fibers into individual connector ends for organized panel and cassette connections.

Define the length, polarity, connector boot and jacket together. For MPO assemblies, include the channel count and the required end-to-end fiber mapping.

03 / CONFIGURATION OPTIONS

Pigtails and Fan-Out Sets

Prepare fibers for splicing or bring a multi-fiber cable into individual connector ends. Match the set to the tray, panel and fiber organization.



Color-coded pigtail sets

OM3 • 6 or 12 fibers • 900 μ m buffer. Color sequence supports fiber identification during splicing.



Preterminated fan-outs

4–144 fibers • 0.9 or 2.0 mm branches. Define the branch lengths and connector arrangement.



Ribbon fan-out • 2.0 mm

OM4 ribbon • LC ends • 2.0 mm branches. Jacketed branches for routing to the panel.

SC/APC

PIGTAIL SET CONFIGURATION

SC/APC pigtail sets

G.657.A2 • 12 fibers • 900 μ m buffer. A single-mode option for SC/APC terminations.



Ribbon fan-out • 0.9 mm

OM4 ribbon • LC ends • 0.9 mm branches. Individual connector ends from ribbon fiber.



Single-fiber pigtails

SC, LC, FC or ST options with single-mode or multimode fiber. LC termination shown.

03 / CONFIGURATION OPTIONS

Cable Construction Choices

Select the construction around the cable route: equipment patching, an indoor subscriber drop or a self-supporting aerial span.



Simplex armored assemblies

Metal-armored construction for a single-fiber assembly. Connector pair, jacket and length by configuration.



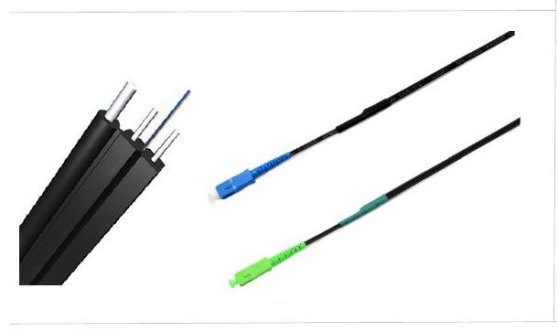
Duplex armored assemblies

An armored duplex format for paired connections. Mechanical limits follow the selected cable design.



Indoor butterfly drop cords

G.657.A1 or G.657.A2 • 1, 2 or 4 fibers. FRP, KFRP or steel strength members; LSZH jacket options.



Self-supporting aerial drop cords

G.657.A1 or G.657.A2 • 1, 2 or 4 fibers. Messenger-supported construction with an outdoor jacket.

Choose the connection as well as the cable

Drop cords can use SC/UPC, SC/APC or a hybrid end pair. For protected external terminal connections, use the hardened interface selections on pages 13–14.

Specify the route, span or support arrangement and the required jacket before selecting the assembly. Armor and aerial construction have different installation roles.

03 / CONFIGURATION OPTIONS

Specify the Right Assembly

A useful description connects the ports, the optical fiber and the physical cable. These choices make a sample or quotation easier to match to the application.

Start with	Describe
End A + end B	Connector family and polish at each end: for example SC/APC to SC/UPC, or LC/UPC to LC/UPC.
Fiber	OS2 with the required G.652.D / G.657 variant, or the required OM category.
Cable layout	Simplex, duplex or fan-out; diameter, fiber count, branch length and polarity as applicable.
Installation	Overall length, indoor or outdoor route, jacket and the required cable construction.
Delivery	Identification, label content, unit packaging and the agreed optical acceptance limits.

Fiber identification at a glance

Fiber	Core / cladding	Typical jacket
OS2	9 / 125 μ m	Yellow
OM1 / OM2	62.5 / 125 μ m (OM1); 50 / 125 μ m (OM2)	Orange
OM3 / OM4	50 / 125 μ m	Aqua / violet
OM5	50 / 125 μ m	Lime green

Color is a useful reference; specify the fiber and polish explicitly. Custom jacket colors can be defined for the project.

Example requirement

SC/APC to SC/UPC • G.657.A2 • simplex 3.0 mm • 3 m • individually bagged with length and customer identification.

What matters at the connection

Match each connector to its equipment port. A hybrid cord connects different port formats through the cable; each end still needs the correct mating interface.

03 / CONFIGURATION OPTIONS

Packaging and Private-Label Options

Bring the connection and the presentation together: the right assembly, clear identification and packaging suited to the way it will be installed or sold.



SC/APC to SC/APC



SC/APC to SC/UPC



LC/UPC duplex

Examples of individually bagged assemblies.

Packaging level	Options to define
Individual unit	Sealed PE bag; product label, length, barcode or serial identification.
Inner pack	White box or divided inner carton; quantity and label format.
Project shipment	Master-carton marks, pallet arrangement and a project packing list.



Unit bags and inner cartons

Built around your brand and application

A private-label program can combine the connector and cable choices with customer artwork, labels and packaging. Agree the sample and drawing first, then carry the approved details into the production pack.

Start with the end interfaces, fiber, length and intended use. ComponexX can help turn that requirement into a defined assembly and presentation.

04 / PRODUCT FAMILY

Connectors and Adapters

Choose the termination method and mating interface as a complete connection. Mechanical, fusion and protected formats are complemented by panel and hybrid adapters.



Mechanical field connectors

SC, LC and FC configurations matched to the cable and preparation method.



Splice-on connectors

Connector bodies with the fiber splice and protection inside.

Protected interfaces

Mini-SC and hardened SC bodies with configuration-specific seals.



Optical adapters

SC, LC, FC, ST and hybrid options for panels and equipment.

Selection	Configure around
Interface	Connector format, fiber mode, polish and exact mating geometry
Termination	Mechanical or fusion method, cable/buffer size, holder and tools
Panel integration	Simplex, duplex or quad layout; flange, shutter, cutout and clearance

Detailed selections in this family: 22–31.

FEATURED CONFIGURATION / CX-SC-G50 / CPX-LX11-B

SC Field Assembly Connectors

Mechanical fiber alignment and a factory pre-polished ferrule for flat FTTH drop cable.



CX-SC-G50



CPX-LX11-B

Specification	CX-SC-G50	CPX-LX11-B
Interface / fiber	SC/UPC or SC/APC; singlemode	SC/UPC or SC/APC; singlemode
Body length	51 mm	50 mm
Flat drop cable	2 × 3 mm	2 × 3 mm or 2 × 5 mm
Insertion loss	Average ≤ 0.3 dB; max. ≤ 0.5 dB	Average ≤ 0.3 dB; max. ≤ 0.5 dB
Return loss, UPC	≥ 50 dB	≥ 45 dB
Return loss, APC	≥ 55 dB	≥ 50 dB
Mating durability	≥ 500 cycles	≥ 500 cycles
Operating temperature	−20 to +75 °C	−20 to +75 °C
Storage temperature	−40 to +85 °C	−40 to +85 °C
Typical termination time	≤ 2 minutes	≤ 2 minutes
Standard packaging	100 pieces; bag or blister box	100 pieces; bag or blister box

Typical termination time depends on preparation, tooling and installer technique. For outdoor use, install standard SC connectors within a suitable protective enclosure. Verify cable fit and polish; model names do not specify length.

CONNECTORS AND ADAPTERS

SC Field Termination Choices

Mechanical assembly and fusion splice-on are separate preparation methods. Compare the selected cable version, tooling and optical limits.

CX-SC-G58-ANT



Specification	Details
Interface	Single-mode SC/APC or SC/UPC
Connector length	58 mm
Insertion loss	Average ≤ 0.3 dB; maximum ≤ 0.5 dB
Return loss	UPC ≥ 50 dB; APC ≥ 55 dB
Mating durability	≥ 500 cycles
Fiber / cable profiles	0.9 mm buffered fiber; 2.0 / 3.0 mm round cable; 2.0 × 3.0 mm flat drop cable
Typical termination time	≤ 2 minutes
Operating / storage temperature	-20 to +75 °C / -40 to +85 °C
Color identification	Green APC; blue UPC
Packing	Bag or blister box; standard pack of 100 pieces

Select the cable version and APC or UPC interface. Prepare the fiber with matched stripping, precision cleaving and cleaning tools.

CX-SC-FST



Specification	Details
Interface	Single-mode SC/APC or SC/UPC
Termination method	Fusion splice within the connector housing
Connector length	55.4 ±1 mm, with dust cap
Fiber preparation	0.9 mm buffered-fiber configuration
Insertion loss	≤ 0.3 dB
Return loss	UPC ≥ 50 dB; APC ≥ 55 dB
Operating temperature	-20 to +75 °C
Storage temperature	-40 to +85 °C
Color identification	Green APC; blue UPC
Included protection	One heat-shrink splice sleeve per connector
Packing	Bag or blister box; standard pack of 100 pieces

Verify the selected holder, fusion-splicer setup and fiber preparation. Use the supplied splice-protection sleeve.

SC W / R / T / G

SC Mechanical Body Selection

Body length, cable orientation and retention style by configuration reference.



LX-W01



LX-R19



LX-T18

Configuration reference	Length	Configuration detail
LX-W01	60 mm	Horizontal flat-cable orientation
LX-W02	53 mm	Horizontal flat-cable orientation
LX-R03	53 mm	R-series configuration
LX-R04 / R05	50 mm	Two distinct R-series configurations
LX-R06	50 mm	Nut-type configuration
LX-R19	45 mm	Short R-series body
LX-R20	51 mm	R-series configuration
LX-R21	53 mm	R-series configuration
LX-T13	53 mm	Cover-clamp configuration
LX-T18	58 mm	Nut-type configuration
LX-G55	55 mm	G-series configuration
LX-G56	50 mm	G-series configuration

APC and UPC variants are available in this group.

SC STANDARD

Standard SC Configurations

Horizontal and vertical flat-cable arrangements are listed separately where specified.



LX-01-A



LX-01-B



LX-11-A

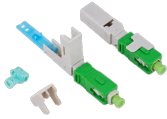
Configuration reference	Length	Configuration detail
LX-01-A	60 mm	Horizontal flat-cable orientation
LX-01-B	60 mm	Vertical flat-cable orientation
LX-01-C	55 mm	Vertical flat-cable orientation
LX-02-A	53 mm	Horizontal flat-cable orientation
LX-02-B	53 mm	Vertical flat-cable orientation
LX-04-A	50 mm	Horizontal flat-cable orientation
LX-04-B	50 mm	Vertical flat-cable orientation
LX-07-A	50 mm	Standard SC configuration
LX-09-A / 09-B	52 mm	Two distinct SC configurations
LX-10	50 mm	Standard SC configuration
LX-11-A	53 mm	Standard SC configuration
LX-11-B	50 mm	CPX-LX11-B model specification in this catalog
LX-14	52 mm	Standard SC configuration

APC and UPC variants are available in this group.

SC DRAWER / Z

Drawer and Z Configurations

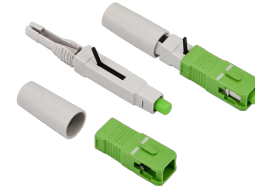
Additional SC bodies for a consistent field assembly and preparation workflow.



LX-DR12-A



LX-DR15



LX-Z31

Configuration reference	Length	Family
LX-DR12-A	52 mm	Drawer
LX-DR12-B	52 mm	Drawer
LX-DR15	52 mm	Drawer
LX-DR16	52 mm	Drawer
LX-DR17	52 mm	Drawer
LX-Z31	53 mm	Z
LX-Z32	53 mm	Z
LX-Z33	53 mm	Z
LX-Z34	53 mm	Z
LX-Z35	53 mm	Z
LX-Z36	53 mm	Z

APC and UPC variants are available in this group.

CONNECTORS AND ADAPTERS

LC, FC and Fusion Connector Formats

Select the interface and termination method together with the actual cable or buffered-fiber version.

LC and FC Mechanical Connectors



LX-LC-A



LX-LC-E



LX-FC

Configuration reference	Length	Cable / construction
LX-LC-A	44 mm	LC drop-cable version
LX-LC-D	45 mm	LC general configuration; cable fit to be specified
LX-LC-E	47 mm	LC round-cable version
LX-LC-F	44 mm	LC 0.9 mm version
LX-FC	55 mm	FC mechanical clamp design

Fusion Splice On Configurations



RS58



RL09



FC

Configuration reference	Interface	Stated dimension / version
RS58	SC	58 mm connector length
RS09	SC	0.9 mm version
RL09	LC	0.9 mm version
FC splice-on	FC	55 mm connector length

APC and UPC variants are available in this group.

The 0.9 mm designation identifies a fiber/cable version, not the body length. Confirm holder, tooling and splice protection separately.

CONNECTORS AND ADAPTERS

Protected SC Interface Families

Mini-SC and hardened SC are separate housing families. Match the port geometry, termination method and cable seal explicitly.

Mini SC Protected Interfaces



Mini-SC L02



Mini-SC L09



Mini-SC splice-on

Configuration reference	Termination	Cable sizes listed (mm)
Mini-SC L02	Mechanical	Round: 2.0, 3.0, 5.0 Flat: 2 × 1.6, 2 × 3, 2 × 5
Mini-SC L04	Mechanical	Round: 2.0, 3.0, 5.0 Flat: 2 × 1.6, 2 × 3, 2 × 5
Mini-SC L09	Mechanical	Flat: 2 × 1.6, 2 × 3, 2 × 5
Mini-SC L21	Mechanical	Round: 2.0, 3.0, 5.0 Flat: 2 × 1.6, 2 × 3, 2 × 5
Mini-SC G55	Mechanical	Round: 5.0
Mini-SC splice-on	Fusion	Round: 2.0, 3.0, 5.0 Flat: 2 × 1.6, 2 × 3, 2 × 5

Hardened SC Protected Interfaces



Hardened SC L02



Hardened SC L09



Hardened SC splice-on

Configuration reference	Termination	Cable sizes listed (mm)
Hardened SC L02	Mechanical	Round: 2.0, 3.0, 5.0 Flat: 2 × 1.6, 2 × 3, 2 × 5
Hardened SC L04	Mechanical	Round: 2.0, 3.0, 5.0 Flat: 2 × 1.6, 2 × 3, 2 × 5
Hardened SC L09	Mechanical	Flat: 2 × 1.6, 2 × 3, 2 × 5
Hardened SC L21	Mechanical	Round: 2.0, 3.0, 5.0 Flat: 2 × 1.6, 2 × 3, 2 × 5
Hardened SC G55	Mechanical	Round: 5.0
Hardened SC splice-on	Fusion	Round: 2.0, 3.0, 5.0 Flat: 2 × 1.6, 2 × 3, 2 × 5

APC and UPC variants are available in this group.

Cable sizes describe different seal variants; a single seal does not necessarily accept every size. Confirm ingress protection on the complete matched assembly. No universal terminal compatibility is claimed.

FACTORY TERMINATION

Factory Termination and Splice Options

Specify the end assembly and supply format for the installation program.



Factory Mini-SC



90 mm ceramic splice



3-in-1 SC assembly

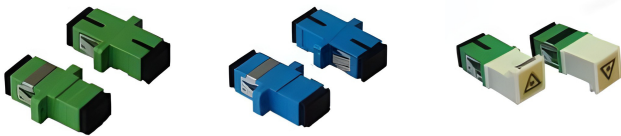
Additional option	Stated configuration
Factory-terminated Mini-SC	2 × 3 mm or 2 × 5 mm flat cable
Factory-terminated hardened SC	2 × 3 mm or 2 × 5 mm flat cable
3-in-1 SC assembly	APC and UPC versions; interface and cable fit to be specified
Mechanical splice	90 mm; ceramic and metal versions

CONNECTORS AND ADAPTERS

SC and LC Optical Adapters

Match port density, panel retention and connector access with the optical connection.

SC configurations



SC simplex

SC duplex

Shuttered SC

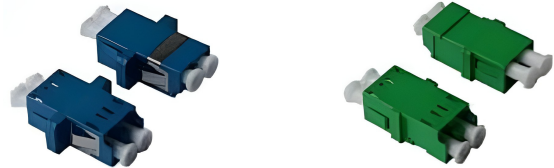
Selection	Configuration options
Port arrangement	Simplex and duplex bodies for the required connection count.
Panel mounting	Flanged or flangeless designs, metal clips, push-in and selected four-claw retention formats.
Body construction	One-piece and split-body variants to suit the mechanical arrangement.
Port access	Dust-cap and selected shuttered formats.
Network match	Single-mode or multimode variants; PC or APC configuration as specified.

Select the complete mounting arrangement

Confirm connector format, fiber mode and polish compatibility before choosing color. The panel cutout and thickness determine retention; port spacing and rear connector clearance determine access.

For repeat supply, keep housing, sleeve, clip, dust cap and color in the approved specification. Provide a drawing or sample enclosure and the required insertion-loss and return-loss acceptance limits.

LC configurations



LC adapter formats

Shuttered LC

Selection	Configuration options
Port arrangement	Simplex, duplex and quad formats.
Panel integration	Flanged or flangeless; one-piece or split-body designs.
Housing geometry	Selected high-low and asymmetric housing options.
Fiber and polish	Single-mode and multimode options; select the required mating and polish configuration.
Completion details	Sleeve, housing color, clips, dust caps and packing matched to the selected variant.

Port density with usable access

Choose the footprint with the panel drawing, fiber count and connector access in view. Specify whether dust shutters are required and verify clearance for the selected latch and boot.

Mechanical choices do not establish optical performance. Agree the sleeve specification, insertion loss, return loss and sample acceptance criteria for the exact assembly.

OPTICAL ADAPTERS / OTHER INTERFACES

FC ST and Hybrid Adapters

Interface options for installed equipment and mixed connector formats.



ST adapter



Hybrid interface

Family	Available examples	Selection focus
FC	Threaded bodies; selected large-D and small-D formats	Thread/key details, cutout, panel thickness and fiber compatibility.
ST	Bayonet formats; selected duplex arrangements	Bayonet fit, body dimensions and mounting arrangement.
SC hybrids	FC–SC, SC–ST and SC–LC	Connector formats and compatible end-face geometry on both sides.
LC hybrids	LC–FC, LC–ST and LC–E2000	Housing clearance, retention and the exact interface combination.
Other hybrids	FC–ST and SMA905–FC	Application-specific interface and fiber requirements.

A hybrid adapter changes connector format. It does not convert single-mode fiber to multimode or make incompatible connector polishes suitable for mating.

Inquiry item	Required detail
Connector pair and fiber	Identifies the adapter family, mode and required polish compatibility.
Port count and dimensions	Defines simplex, duplex or quad layout, cutout and clearances.
Optical acceptance criteria	Sets required insertion loss, return loss and sleeve specification.
Quantity and supply format	Aligns bulk, panel-assembly or branded packing with the program.

05 / PRODUCT FAMILY

Splitters and Wavelength Management

Distribute optical power or combine wavelength channels. Match the optical function with a package that fits the network and installation.



PLC splitters

1×N and 2×N configurations with module and connector choices.



FBT couplers

Coupling-ratio options for application-specific optical distribution.



Plug-in and cassette formats

Organized splitter outputs for terminal, shelf and rack integration.



CWDM and WDM modules

Wavelength routing in configured module and enclosure formats.

Selection	Configure around
Optical function	Split ratio or wavelength plan, insertion loss, uniformity and isolation
Packaging	Steel tube, ABS/plastic, plug-in, LGX, cassette or rack configuration
Connection	Fiber type, lead length, connector polish and finished-path acceptance

Detailed selections in this family: 33–37.

PLC / 1×N

PLC Optical Splitter Specifications

1-input configurations with documented Grade P and Grade S performance. Module limits exclude connectors.



Connectorized PLC format

Split	Grade P IL max dB	Grade S IL max dB	Uniformity max dB	PDL max dB
1×2	3.6	4.3	0.5	0.2
1×3	6.0	6.2	0.6	0.3
1×4	7.0	7.4	0.8	0.3
1×6	9.2	9.5	0.8	0.3
1×8	10.3	10.7	0.8	0.3
1×12	12.2	12.5	1.2	0.3
1×16	13.6	13.9	1.4	0.3
1×24	15.8	16.0	1.5	0.3
1×32	16.6	17.2	1.5	0.3
1×64	20.1	21.5	2.0	0.5
1×128	24.5	25.5	2.6	0.8

Common optical and environmental limits

Parameter	Specification
Operating wavelength	1260-1650 nm
Temperature-dependent loss, maximum	0.5 dB
Return loss / directivity, minimum	55 dB / 55 dB
Operating / storage temperature	-40 to +85 °C / -40 to +85 °C

PDL = polarization-dependent loss. Connector allowances listed for this platform are +0.2 dB for UPC and +0.3 dB for APC. Confirm the complete connectorized optical path and its acceptance limit; do not substitute bare-module values for a finished terminal.

PLC / 2×N / PLCS

PLC 2×N and Configuration Codes

Two-input optical limits and PLCS configuration fields.

Split	Grade P IL max dB	Grade S IL max dB	Uniformity max dB	PDL max dB
2×2	4.2	4.5	0.8	0.2
2×4	7.2	7.7	1.0	0.3
2×8	10.6	11.0	1.2	0.3
2×16	13.8	14.8	1.5	0.3
2×32	17.0	17.9	1.8	0.3
2×64	20.5	21.5	2.5	0.5
2×128	24.8	25.8	3.0	1.0

Parameter	Specification
Operating wavelength	1260-1650 nm
Temperature-dependent loss, maximum	0.5 dB
Return loss / directivity, minimum	55 dB / 55 dB
Operating / storage temperature	-40 to +85 °C / -40 to +85 °C

PDL = polarization-dependent loss. Connector allowances: +0.2 dB UPC / +0.3 dB APC. Confirm the finished-path acceptance limit; bare-module limits do not rate a finished terminal.

Configuration and order fields

Field	Published configuration codes
Structure	0102 = 1×2; 0202 = 2×2; 0164 = 1×64; 0264 = 2×64. Confirm codes for other ratios.
Fiber type	1 = G.652.D; 2 = G.657.A1; 3 = G.657.A2
Package	A1-A12; D; E; F; K; U; G; C; T; R; X
Input type	L = 900 µm loose tube; T = 900 µm tight tube; S = 2.0 mm; R = 3.0 mm; B = 250 µm bare fiber; O = adapter
Output type	L = 900 µm loose tube; S = 2.0 mm; R = 3.0 mm; B = 250 µm bare fiber; F = splitter; O = adapter
Pigtail length	0.5M = 0.5 m; 1M = 1.0 m; 2M = 2.0 m; 10M = 10 m; 1M/2M = input 1 m / output 2.0 m; O = adapter; X = other
Connector	FU = FC/UPC; FA = FC/APC; SU = SC/UPC; SA = SC/APC; ST = ST/UPC; LU = LC/UPC; LA = LC/APC; 00 = no connector; MPO = MPO/UPC; MPA = MPO/APC; X = other
Different input and output	FU/FA = input FC/UPC / output FC/APC

Order: PLCS - structure - fiber - package - input - output - length - connector. Specify Grade P or S; confirm every combination before assigning the commercial reference.

PLC / HOUSING SELECTION

Choose the PLC Housing

Match the splitter package to the enclosure or rack, the way fibers are routed and how the connections will be accessed.



Compact metal package



Cassette format



LGX format

Housing family	Package codes	Selection focus
Stainless-steel tube	A1–A12	Compact integration; lead exits and fiber routing
Plastic box	D / E / F / K	Module footprint, lead protection and mounting
19-inch rack	U • 1U / 2U / 3U / 4U	Rack space, port access and cable management
LGX aluminum box	G • 1G / 2G / 3G / 4G	Cassette-to-shelf fit and connector access
Cassette / tray formats	C / T • 4 / 8 / 16 / 32 / 64 channels	Channel count and mounting arrangement
Splice tray / custom	R / X	Splice layout or application-specific housing

Three details make the housing usable

Check the installation space, the mounting or retention features, and the room needed for fiber bends and connector boots. The complete housing drawing should show all three.

Use the package matrix on page 36 to compare the listed split configurations. Optical limits for 1×N and 2×N modules are on pages 33–34.

PLC / PACKAGE MATRIX

PLC Package Compatibility Reference

Standard package assignments for the configurations shown. Confirm the exact fiber construction and lead protection with the order.

Split	Ribbon fiber	0.9 mm tube	Plastic case 0.9 / 2.0 / 3.0 mm
1×2	A1	A3	D
2×2	/	A3	D
1×3	A1	A3	E
1×4	A3	A3	E
2×4	/	A5	E
1×6	A1	A5	E
1×8 (127)	A1	A5	E
1×8 (250)	A3	A5	E
2×8	A3	A5	E

Split	Ribbon	0.9 mm tube	0.9 mm plastic	2.0 mm plastic	3.0 mm plastic
1×12	A3	A6	K	K	K
1×16	A3	A6	K	K	K
2×16	A5	A8	K	K	K
1×24	A4	A8	K	K	K
1×32	A4	A9	K	K	K
2×32	A7	A10	K	K	K
1×64	A6	A11	F	F	/
2×64	A6	A11	F	F	/

All listed groups also show rack options 1U / 2U / 3U / 4U and LGX options 1G / 2G / 3G / 4G. Cassette and pallet references are 4 / 8 / 16 / 32 / 64 channels; splice trays are customized.

A slash reproduces an unspecified package combination. The 127 and 250 variants are retained as source configuration labels; confirm their fiber-array definition. The 128-output optical specifications do not establish a standard package assignment.

SPLITTERS AND WAVELENGTH MANAGEMENT

CWDM | Optical and Ordering Reference

CX-CWDM-8SF: eight wavelength channels and a 1310 nm expansion port. Specify Side A and Side B with the actual equipment wavelength plan.

Optical specification

Optical parameter	Specification
Channels	8 channels: 1470-1610 nm
Channel spacing	20 nm
Channel passband	±6.5 nm
Technology	TFF (thin-film filter)
Insertion loss	≤2.4 dB
Expansion-port insertion loss	≤2.4 dB
Return loss / directivity	≥45 dB / ≥45 dB
Polarization mode dispersion	≤0.1 ps
Polarization-dependent loss	≤0.3 dB
Channel isolation	Adjacent ≥30 dB; non-adjacent ≥45 dB
Operating temperature	-20 to +85 °C
Storage temperature	-40 to +85 °C
Connector interface	SC/APC

Define the two ends together

Pair Side A and Side B with the transmit/receive wavelengths of the actual equipment. The eight-channel designation is the module wavelength count; the service count depends on the paired channel plan.

Wavelength labels are retained as specified for this product. Confirm exact filter centers, the expansion-port band and the transceiver wavelength plan. No transmission distance or universal transceiver compatibility is implied.

Identification and packaging

Wavelength or port	Pigtail color
1610 nm	Brown
1590 nm	Red
1570 nm	Orange
1550 nm	Yellow
1530 nm	Green
1510 nm	Blue
1490 nm	Purple
1470 nm	Gray
1310 nm (EXP)	Black
COM	White

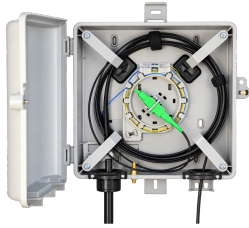
Model	Packaging and side
CX-CWDM-8SF-LGX-A	LGX cassette - Side A
CX-CWDM-8SF-LGX-B	LGX cassette - Side B
CX-CWDM-8SF-ABS-A	ABS module - Side A
CX-CWDM-8SF-ABS-B	ABS module - Side B

Net-weight references: LGX box 0.5 kg; two-slot 1U rack 2.5 kg. Rack dimensional reference: 44 × 440 × 230 mm (H × W × D). Confirm the LGX cassette drawing and rack engagement before release; cassette dimensions are not established in this catalog.

06 / PRODUCT FAMILY

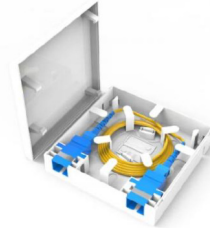
Patching and Fiber Management

Organize terminations, splices and cable slack at the customer, the building or the rack. Select usable access and routing as well as port density.



Premises termination and slack

Compact fiber interfaces, splice protection and cable storage.



Optical outlets and wall boxes

Customer handoff and building distribution with adapter access.



Rack patch panels

Sliding and fixed formats with organized adapters and splice trays.



MPO to LC cassettes

Multi-fiber distribution with selected polarity and front-port format.

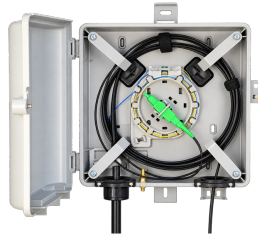
Selection	Configure around
Capacity	Fiber/port count, splice trays, adapters and expansion arrangement
Mechanical fit	Wall or rack footprint, mounting, cable entries and service clearance
Fiber routing	Bend radius, slack space, polarity, labeling and front/rear access

Detailed selections in this family: 39–40.

FEATURED CONFIGURATION / CX-31 SERIES

Fiber Interface and Slack Storage

Termination, splice protection and cable slack management at the transition to customer premises.



Specification	Details
Adapter interfaces	SC/APC, SC/UPC, LC/APC or LC/UPC
Port configurations	1, 2, 4, 6 or 12 ports; up to 24 ports with LC adapters
Slack storage	Up to 50 ft (15.2 m); capacity depends on cable configuration
Splice methods	Fusion or mechanical splicing
Cable routing	Rear-entry grommets, corner retention and tie-down points
Configuration options	Cable-entry clamp; internal or external grounding options
Closure	3/8-inch hex bolt; security-seal provision

Established order references

Part number	Configuration
CX31-01-01-01-N	1-port SC/APC
CX31-01-01-02-N	2-port SC/APC
CX31-02-01-06-N	6-port SC/APC
CX31-04-01-12-N	12-port SC/APC

Specify adapters, cable grommets and grounding. Storage capacity depends on cable diameter and permitted bend radius.

FEATURED CONFIGURATION / MPO TO LC CONNECTIVITY

MPO LC Fiber Cassette

Preloaded fan-out for OS2 single-mode patching with Method A polarity. Select the fiber count and match the panel before ordering.



Selection	12F configuration	24F configuration
Front interface	6 duplex LC/UPC; 12 fibers	12 duplex LC/UPC; 24 fibers
Fiber and polarity	OS2 single-mode; Method A	OS2 single-mode; Method A
Rear interface	1 × MPO-12 male, pinned	Confirm the quoted rear arrangement
Front panel	96.8 mm wide × 33 mm high	96.8 mm wide × 33 mm high
Housing	Black; tool-less removable top cover	Black; tool-less removable top cover
Operating temperature	-10 to +60 °C	-10 to +60 °C

CONFIGURATION AND ENCLOSURE FIT

Select 12F or 24F, OS2 singlemode, LC/UPC and Method A polarity for the optical path. The front panel measures 96.8 × 33 mm. Review the enclosure opening, latch, depth and rear connector clearance with the installation drawing. Confirm the 24F rear arrangement and required optical acceptance limits with the quotation.

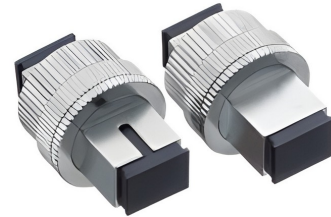
Optical Attenuation

Manage received optical power and create controlled loss for commissioning or test work. Choose fixed or adjustable attenuation to suit the operating band and interface.



Fixed plug attenuators

Defined attenuation in compact connector formats.



Variable optical adapters

Adjustable loss at the connector interface.



Threaded variable formats

Selected interface and adjustment arrangements for optical connections.



Collimator variable attenuators

A wider adjustment range with configured fiber leads.

Selection	Configure around
Optical match	Operating wavelength, fiber mode and maximum input power
Loss control	Fixed value or adjustment range; tolerance and baseline insertion loss
Connection	Connector format, polish, cable length and the acceptance method

Detailed selections in this family: 42–43.

OPTICAL ATTENUATION

Fixed and Variable Optical Attenuation

Compare defined-loss plug formats with adjustable adapters. Apply only the wavelength, power and loss limits stated for the selected type.

Fixed plug attenuators



Fixed optical attenuation

Parameter	Single-mode reference	Multimode reference
Operating wavelength	1310 / 1550 nm; stated band 1200–1600 nm	850 nm
Attenuation selection	1–25 dB	Confirm selected value
Return loss	UPC ≥ 50 dB; APC ≥ 60 dB; PC ≥ 35 dB	PC ≥ 35 dB
Attenuation tolerance	1–5 dB: ± 0.5 dB; 6–25 dB: $\pm 10\%$	Set with configuration
Maximum optical input	200 mW	200 mW
Operating temperature	–40 to +85 °C	–40 to +85 °C

Connection formats

SC, LC, FC, ST, MU, E2000 and selected hybrids; male-to-female plugs, female-to-female flanges, inline and loopback formats. Interface and polish options depend on the variant.

Match the actual network wavelengths. The stated 1200–1600 nm band alone does not establish support for every PON wavelength plan. Return loss is separate from attenuation value.

Variable optical adapters



Threaded format

Adapter format

FC format

Parameter	Single-mode reference specification
Operating wavelength	1260–1620 nm
Attenuation range	1–30 dB
Attenuation accuracy	± 0.8 dB
Polarization-dependent loss	≤ 0.2 dB
Minimum insertion loss	<2.5 dB
Maximum optical input	200 mW
Sleeve	Zirconia ceramic
Operating temperature	–40 to +80 °C

LC, FC, SC and ST interfaces are included in the reference range. SMA and hybrid bodies require confirmation of the selected configuration and its applicable optical limits.

Minimum insertion loss is not zero loss. Include the baseline loss in the measurement setup and confirm input power and wavelength.

OPTICAL POWER CONTROL

Collimator Variable Attenuators

A wider adjustment range with connectorized or configured fiber leads for optical test work.



Configured fiber leads



Alternate connector format

Parameter	Single-band SM	Dual-band SM	Multimode
Wavelength options	1310 $\pm$ 40 nm or 1550 $\pm$ 40 nm	1310 $\pm$ 40 nm and 1550 $\pm$ 40 nm	850 $\pm$ 40 nm and 1310 $\pm$ 40 nm
Attenuation range	0.6–60 dB	0.8–60 dB	0.8–40 dB
Initial loss	$\leq$ 0.6 dB	$\leq$ 0.8 dB	$\leq$ 0.8 dB
Adjustment precision	0.02 dB	0.02 dB	0.02 dB
Return loss	$\geq$ 50 dB	$\geq$ 50 dB	$\geq$ 25 dB
Fiber type	SMF-28e	SMF-28e	50/125 or 62.5/125 μ m

Common reference	Value
PDL	$\leq$ 0.15 dB
Operating / storage temperature	-40 to +85 °C
Cable length	1-2 m

Adjustment precision does not establish absolute attenuation accuracy. Define the operating band, connector polish, adjustment range, tolerance and acceptance method for the selected configuration.

APPLICATION AND OPTICAL BUDGET

Select the End to End Connection

Application examples show how to coordinate products. They are not documented customer installations or guaranteed system designs.

Illustrative application	Candidate products	Check together
Preterminated service drop	CX-MST-17/18 or CX-SAT; matched hardened assembly	Port geometry, split ratio, lead lengths, mounting
Field-spliced drop	CX-FATC-003; CX-DROP-2X3; CX-SC-FST	Entry seals, splice capacity, cable profile, holder
Managed customer handoff	CPX-PMDC; CX-31	Peel treatment, connector polish, bend radius, slack volume
Panel patching	MPO-LC; patch cords; adapters	Fiber count, polarity, MPO gender/keying, panel fit

Illustrative optical budget

Element	Loss or reserve
1x8 PLC module, Grade P maximum	10.3 dB
Assumed combined fiber, splice and connector loss	2.0 dB
Assumed design reserve	3.0 dB
Required example budget	15.3 dB

$10.3 + 2.0 + 3.0 = 15.3$ dB. The route allowance and reserve are assumptions, not measured results. Validate transmit power, receiver sensitivity and overload, wavelength, actual route and all losses for the real network.

CONFIGURATION AND SUPPLY

Discuss Your Fiber Requirement

Send a part reference, photograph, drawing or installation problem. You do not need a fully defined project to begin.

What to share	What it defines
Network and application	FTTH distribution, customer handoff, patching or transport
Interfaces and fiber	Connector format, polish, mating geometry, polarity and fiber count
Optical requirements	Wavelengths, split ratio, insertion/return loss and power limits
Mechanical installation	Cable construction, lengths, seals, dimensions, environment and mounting
Program requirements	Evaluation quantities, recurring volume, timing, labeling and packing
Acceptance basis	Selected drawing, revision, sample approval and required test records

ComponexX can help align the product configuration and supply format with the installation. The selected quotation and approved specification define the ordered assembly.

Discuss a requirement

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componexx.com/en/contact

Complementary optical transceivers, poleline hardware and installation supplies have separate resources. This catalog covers fiber access and passive connectivity; it does not replace the selected equipment specification.