HFC & FIBER

NETWORK SOLUTIONS

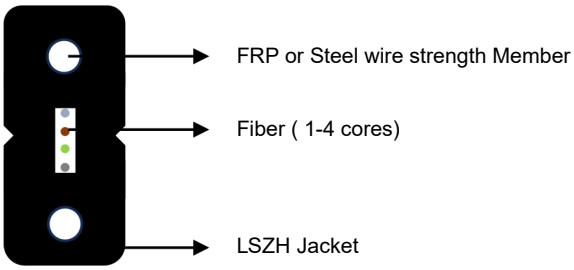
COMPLETE SOLUTIONS FOR TODAYS
BROADBAND NETWORKS

HARDWARE | TOOLS | CONNECTIVITY | ACCESORIES



Bow-type Drop Cable

A type

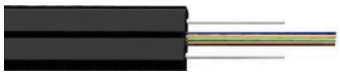


B type

(1.6*2.0mm)



Model No. GDI-TH-DC
(Fiber: 1/2/4 cores)



Temperature Range:

- Transport/Storage Temperature: -20°C~ +70 °C
- Installation Temperature: -5°C~ +50 °C
- Operation Temperature: -20°C~ +70 °C

Fiber: GD.65 A1 / GD.65 A2 / GD.65 B3

Cable Structural Characteristics

Sheath: LSZH
Material: black
Fiber Count: 1-4
Strength Member: Fiber reinforce plastic rod or steel wire

Product Characteristics

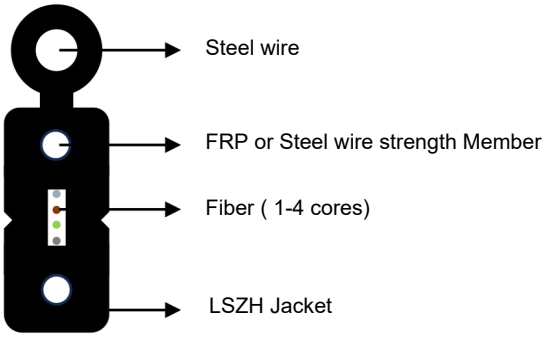
- Low-bend-sensitivity fiber for high bandwidth and reliable transmission (ideal for indoor use)
- Parallel FRP strength members for strong crush resistance and fiber protection
- Simple, lightweight, and practical design
- Fluted structure for easy stripping, splicing, installation, and maintenance
- Low-smoke, zero-halogen, flame-retardant sheath

Technical Data

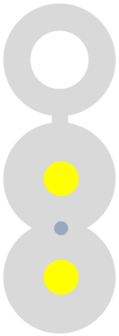
Fiber count	Cable outer dia (mm)	Fiber type	Cable weight (kg/km)	Min. Bending Radius (mm)		Permissible tensile force (N)		Permissible pressure force (N/100mm)	
				Static	Dynamic	Short-term	Long-term	Short-term	Long-term
1	2.0 ± 0.3	0.25mm Coating Fiber	8.1	60	30	80	40	1000	500
2	2.0 ± 0.3	0.25mm Coating Fiber ×2	8.5	60	30	80	40	1000	500
4	2.0 ± 0.4	4 cores fiber ribbon	9.8	60	30	80	40	1000	500

Bow-type Drop Cable

A type



B type



Model No. GDI-TH-DCM
(Fiber: 1/2/4 cores)



Temperature Range:

- Transport/Storage Temperature: -20°C~ +70 °C
- Installation Temperature: -5°C~ +50 °C
- OperationTemperature: -20°C~ +70 °C

Fiber: GD.65 A1 / GD.65 A2 / GD.65 B3

Cable Structural Characteristics

Sheath: LSZH
Material: Black
Fiber Count: 1-4
Strength Member: Fiber reinforce plastic rod or steel wire

Product Characteristics

- Low-bend-sensitivity fiber for high bandwidth and reliable indoor transmission
- Dual FRP strength members for crush resistance and fiber protection
- Lightweight, simple, and practical design
- Fluted structure for easy stripping, splicing, and installation
- Low-smoke, zero-halogen, flame-retardant sheath

Technical Data

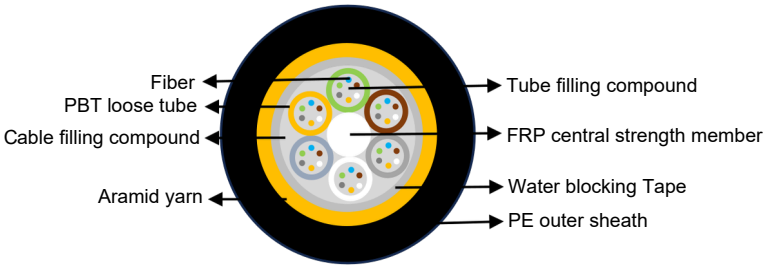
Fiber count	Cable outer dia (mm)	Fiber type	Cable weight (kg/km)	Min. Bending Radius (mm)		Permissible tensile force (N)		Permissible pressure force (N/100mm)	
				Static	Dynamic	Short-term	Long-term	Short-term	Long-term
1	2.0 × 5.0	0.25mm Coating Fiber	19.1	60	30	600	300	2200	1000
2	2.0 × 5.0	0.25mm Coating Fiber ×2	20.1	60	30	600	300	2200	1000
4	2.0 × 5.6	4 cores fiber ribbon	22.5	60	30	600	300	2200	1000

All Dielectric Self-Supporting Aerial Cable (ADSS)

Model No. GDI-ADSS*SS
(fiber: 12/24/48/72/96/144 cores)



Single Sheath



Temperature Range:

- Transport/Storage Temperature: -30°C~
- Installation Temperature: -20°C~ +50 °C
- OperationTemperature: -40°C~ +70 °C

Cable Structural Characteristics

- AT or PE outer sheath
- 12–144 fiber count
- PBT loose tubes with filled colored fibers
- FRP non-metallic central strength member
- Water-blocking system (compound/tape/yarns)
- Aramid yarn for high strength, lightweight, and span/climate adaptability

Attenuation

G6522	≤0.36dB/km @1310nm	≤0.22dB/km @1550nm
G6555	≤0.40dB/km @1310nm	≤0.23dB/km @1550nm
50/125	≤3.3dB/km @850nm	≤1.2dB/km @1300nm
62.50/125	≤3.5dB/km @850nm	≤1.2dB/km @1300nm

Mechanical & Physical Properties

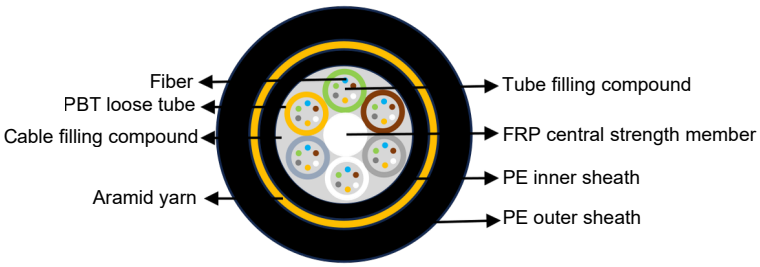
Parameter	Value
Outer sheath thickness	1.5 mm
Cable weight	80–180 kg/km
Max allowable working tension	2600 N
Short-term crush resistance	1000 N / 100 mm
Min. bending radius (static)	10D
Min. bending radius (dynamic)	20D
Representative span	100–1000 m
Young's modulus (full cable cross-section)	8–20 GPa (depends on span/load)

All Dielectric Self-Supporting Aerial Cable (ADSS)

Model No. GDI-ADSS
(fiber: 12/24/48/72/96/144 cores)



Double Sheath:inner/outer sheath



Temperature Range:

- Transport/Storage Temperature: -20°C~ +70 °C
- Installation Temperature: -5°C~ +50 °C
- OperationTemperature: -20°C~ +70 °C

Cable Structural Characteristics

- AT or PE outer sheath
- 12–144 fiber capacity
- PBT loose tubes with filled colored fibers
- FRP central strength member (non-metallic)
- Water-blocking system (compound, tape, yarns)
- Aramid yarn for high tensile strength, lightweight, and adaptability

Attenuation

G6522	≤0.36dB/km @1310nm	≤0.22dB/km @1550nm
G6555	≤0.40dB/km @1310nm	≤0.23dB/km @1550nm
50/125	≤3.3dB/km @850nm	≤1.2dB/km @1300nm
62.50/125	≤3.5dB/km @850nm	≤1.2dB/km @1300nm

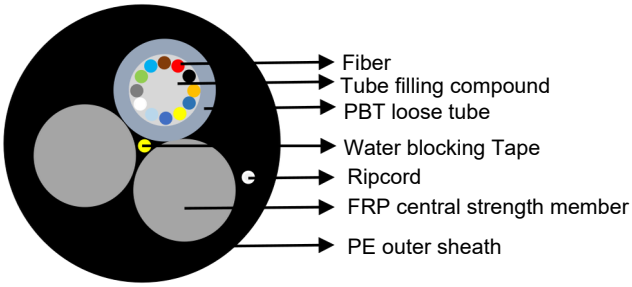
Mechanical & Physical Properties

Parameter	Value
Outer sheath thickness	1.7 mm
Inner sheath thickness	0.8 mm
Cable weight	40-65 kg/km
Max allowable working tension	500 N / 1000N
Long/Short-term crush resistance	300 N / 1000 mm
Min. bending radius (static)	10D
Min. bending radius (dynamic)	20D
Representative span	8/100/120 m
Young's modulus (full cable cross-section)	8–20 GPa (depends on span/load)

Mini ADSS (ASU)

Model No. GDI-ASU*
(fiber: 4/6/8/12/24)





Fiber: G.6522, G.6555, 50/125, 62.50/125

Temperature Range

- Transport/Storage: -30°C to +65°C
- Installation: -20°C to +50°C
- Operation: -40°C to +70°C

Cable Structural Characteristics

- 2–24 fibers in uni-loose tube (filled)
- Dual FRP strength members
- Black PE outer jacket

Attenuation

G6522	≤0.36dB/km @1310nm	≤0.22dB/km @1550nm
G6555	≤0.40dB/km @1310nm	≤0.23dB/km @1550nm
50/125	≤3.3dB/km @850nm	≤1.2dB/km @1300nm
62.50/125	≤3.5dB/km @850nm	≤1.2dB/km @1300nm

Mechanical & Physical Properties

Parameter	Value
Cable weight	40-65 kg/km
Max allowable working tension	500 N / 1000N
Long/Short-term crush resistance	300 N / 1000 mm
Min. bending radius (static)	10D
Min. bending radius (dynamic)	20D
Representative span	80/100/120 m

Stainless Steel Uncoated Bands/ Buckle/Tool

Stainless Steel Uncoated Bands



High-strength stainless steel bands designed for secure fastening in extreme environments. Ideal for industrial, telecom, and outdoor applications.

Key Features:

- Material: Stainless Steel Grade 201, 304, or 316
- Operating temperature: -80°C to 538°C
- Corrosion-resistant with durable metallic finish
- Suitable for heavy-duty strapping applications

Model No.	Width		Length		Thickness		Packing	
	mm	inch	m	feet	mm	inch	m/box	boxes/ctn
GDS-14	6.4	1/4	50	164	0.26/0.38	0.010/0.015	50	20
GDS-38	9.5	3/8	50	164	0.38/0.60	0.015/0.024	50	20
GDS-12	12.7	1/2	25	82	0.36/076	0.014/0.030	25	20
GDS-58	15.9	5/8	30.5	100	0.36/076	0.014/0.030	30.5	20
GDS-34	19	3/4	30.5	100	0.50/0.76	0.020/0.030	30.25	20

Stainless Steel Strapping Tool



Reliable tool designed for efficient band tensioning and cutting in the field.

Key Features:

- Adjustable tension control for precise fastening
- Integrated cutting mechanism for clean finish
- Easy removal of excess strap material
- Durable design for repeated industrial use

Model No.	Width		Thickness
	mm	inch	mm
GDBW-14	6.4	1/4	0.8/1.2
GDBW-38	9.5	3/8	0.18/1.2
GDBW-12	12.7	1/2	0.8/1.2
GDBW-58	15.9	5/8	0.8/1.2
GDBW-34	19	3/4	0.8/1.5

Woolf Teeth Type Buckles

Heavy-duty stainless steel buckles for secure banding in demanding environments



Acetal Weather Resistant Tape/Lock

Acetal Weather-Resistant Tape

High-performance acetal strapping for demanding outdoor use. Built for durability, flexibility, and long-term reliability in harsh conditions.



Key Features:

- Weather-resistant acetal construction
- Temp range: -40°C to 85°C
- UL94HB rated
- UV, corrosion & halogen-free
- Reel strap with separate locking head
- Cut-to-length reduces waste
- 50 ft (15 m) roll standard

Model No.	Width		Length		Thickness		Min. Tensile Strength	
	mm	inch	m	feet	mm	inch	N	lbs
GD-12*50R	12.7	1/2	15	50	1.55	0.06	1112	250
GD-34*50R	19	3/4	15	50	1.55	0.06	1900	425

Acetal Weather Resistant Double Lock

Durable double-locking solution designed for secure fastening in extreme outdoor environments. Combines high-strength acetal housing with corrosion-resistant stainless steel for long-term reliability.



Key Features:

- Toughened weather-resistant acetal body
- Marine-grade 304 stainless steel locking barb
- Operating temperature: -40°C to 85°C
- UL94HB flammability rating
- UV-resistant, halogen-free construction
- Superior resistance to moisture, corrosion, and salt environments

Model No.	Width of strap		Head height		Head width		Packing
	mm	inch	mm	inch	mm	inch	
GD-12	12.7	1/2	12.5	0.49	18.8	0.74	• 25 pcs • 100pcs • 1000pcs
GD-34	10	3/4	15.1	0.59	27.3	1.07	

Model No.: GDTC

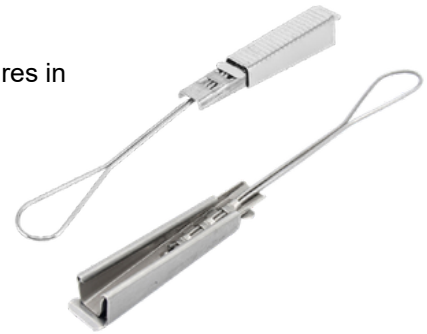
Tensioning and cutting tool designed for installation of acetal systems in the field



Hardware

Stainless Steel Drop Wire Clamp Model No.: G60

Durable stainless steel clamp designed for secure support of fiber drop wires in aerial installations. Ideal for telecom and outdoor network applications.



Key Features:

- Material: Stainless Steel Grade 201 or 304
- Supports one and two-pair fiber drop wires
- Compatible with span clamps, drive hooks, and house hooks
- Provides secure anchoring between messenger strand and building
- Corrosion-resistant for long-term outdoor use



FTTH Drop Clamp
Model: G6201
S-Type galvanized steel hook



P Hook Bolt
Model: G-10 / G-10R
Galvanized steel



Q-Span Clamp
Model: GQC-2
Aluminum clamp + steel bolt



H Hook Bracket
Model: G6202 / G6201-1
Metal clamp bracket



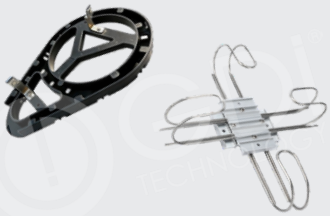
J Hook Clamp
Model: G6203
Galvanized steel



Suspension Clamp
Model: G6204
Galvanized steel



UPB Bracket
Model: G6206
Aluminum alloy construction



Fiber Storage Bracket
Model: G6207-01 / G6207-02
Metal & PP options



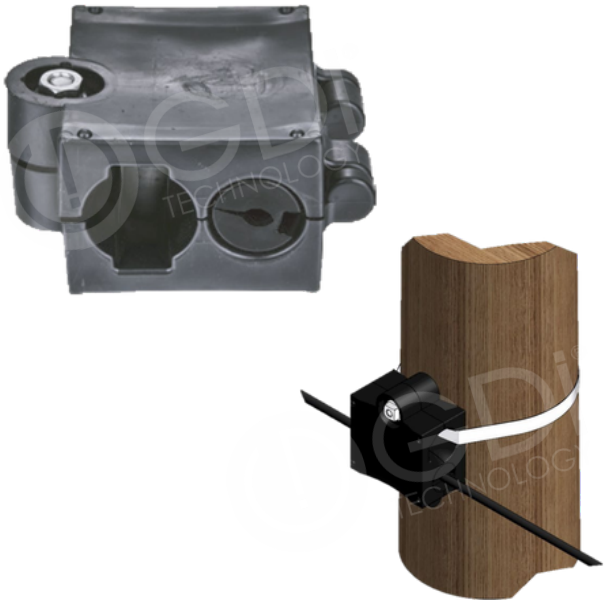
H Hook Suspension Clamp
Model: G6205
Galvanized steel

Hardware

Tangent Support for ADSS Fiber
(Model: GK-6301)

Lightweight and durable support solution for ADSS fiber in short-span, low-load applications, designed for reliable performance in outdoor environments.

Model No.	Supported Cable Diameter			
	Min (in)	Max (in)	Min (mm)	Max (mm)
GH301-01	0.41	0.46	10.5	11.6
GH301-02	0.43	0.51	11.0	13.0
GH301-03	0.59	0.66	15.0	17.0
GH301-04	0.67	0.74	17.0	19.0



Tangent Support Assembly
(Model: G6213)

Key Features:
- Includes 1 J-hook + 2 clamps
- For distribution & coaxial cables
- J-hook supports cable during install
- Clamps grip messenger wire securely
- Bolts/nuts sold separately
- Use bolts 3" longer than pole diameter



Guy Holding (Model: G6310-01)



Specs:
- Wire size: 0.102"–0.114"

Key Features:
- For dead-ending strand wire
- Holds ≥90% breaking strength
- Reliable for aerial & outdoor use
-

Aluminum Wire Holding

Models & Specifications:
- Model: G6308-00 Wire size: 0.138" – 0.217"
- Model: G6308-01 Wire size: 0.240" – 0.272"

Key Features:
- Lightweight, durable aluminum
- Secure wire holding & tensioning
- Ideal for outdoor & telecom use



Aluminum Mounting Plate Assembly
(Model: G6200)

Key Features:
- Durable aluminum construction
- Bolt size: 5/8"
- Supports up to 1-1/4" banding straps
- Compatible with a wide range of pole line hardware



Tension Clamp



Tension Clamp

Designed for secure fastening of low-voltage cables and multiple conductors, ensuring reliable performance without damaging the cable.

Model Specifications

GDS 1500

- Cross-section: 50–70 mm²
- Cable Diameter: 8.0–9.4 mm
- Tension: 15KN
- Material: Metal / Nylon PA66

GDS 2000

- Cross-section: 70–150 mm²
- Cable Diameter: 9.4–13.8 mm
- Tension: 15KN
- Material: Metal / Nylon PA66

STA
Cross-section: 1×10 / 1×16 mm²

STB
Cross-section: 2×16 / 2×25 mm²

STC
Cross-section: 4×16 / 4×25 mm²

STD
Cross-section: 1×16 / 1×70 mm²

LA1
Cross-section: 4×16 / 4×25 mm²

LA2
Cross-section: 2×6 / 2×16 mm²

DCR-1
Cross-section: 1×4 / 1×25 mm²

DCR-2
Cross-section: 1×4 / 1×25 mm²

2.1
Cross-section: 16–25 mm²



Material: Metal / Nylon GA66



Short Length Tension Clamp
Model No.:GAM08
Material: aluminum



Short Length Tension Clamp
Model No.:GA06
Material aluminum/Nylon



Short Length Tension Clamp
Model No.:GA05
Material: Nylon

Model No.	Cross-section (mm²)	Cable Diameter (mm)	Tension	Material
GG1000A	16-35	4.5-6.6	10KN	Metal/Nylon GA66, aluminum alloy
GG1000	25-35	5.6-6.6	12KN	
GG1500	50-70	8.0-9.4	15KN	
GG2000	70-150	9.4-13.8	15KN	

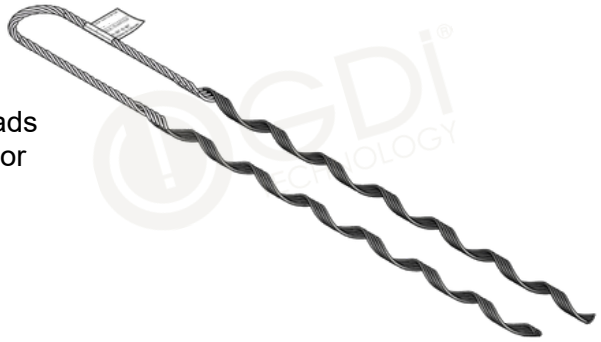


Model No.	Cross-section (mm²)	Cable Diameter (mm)	Material
GG-1000	16-50	4.5-8	Metal/Nylon GA66, aluminum alloy
GG-2200	80-95	10.0-11.0	
GGB-1	70-120	9.4-12.3	

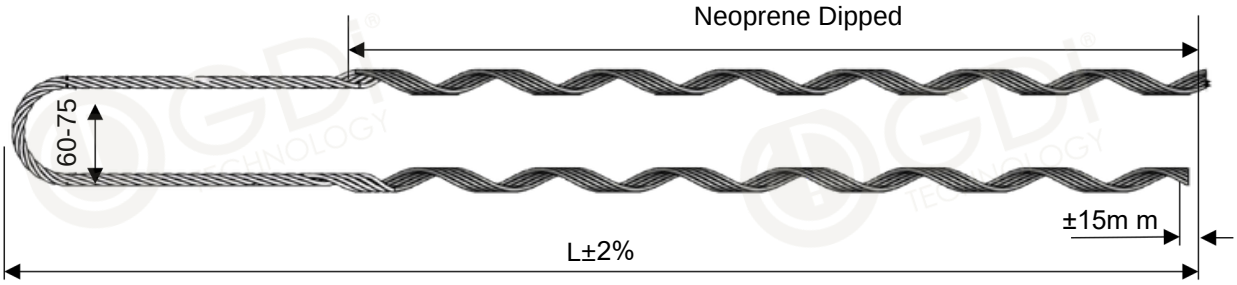


Lite Tension Dead-End

Key Features



- Ideal for short spans and low mechanical loads
- High-strength aluminum alloy wire for superior durability
- Fast and easy installation
- Neoprene-coated rods for added protection
- ID tags indicate cable diameter
- Designed for fiber optic cable support
- Color-coded markings for easy identification



Model No.	For Cable Diameter				Length (L)		Color Mark
	Min (inch)	Max (inch)	Min (mm)	Max (mm)	Inch	Meter	
GDE-89/91	0.35	0.36	8.9	9.1	24	0.61	Black
GDE-95/105	0.37	0.41	9.5	10.5	28	0.71	Red
GDE-106/116	0.41	0.45	10.6	11.6	31	0.79	Orange
GDE-117/128	0.46	0.50	11.7	12.8	33	0.84	Green
GDE-129/141	0.50	0.55	12.9	14.1	37	0.94	Pink
GDE-142/156	0.55	0.61	14.2	15.6	42	1.07	Yellow
GDE-157/173	0.61	0.68	15.7	17.3	45	1.14	Blue
GDE-174/191	0.68	0.75	17.4	19.1	49	1.24	Brown

Galvanized Steel Wire Strand

High-strength galvanized steel wire strand designed for durability and long-term outdoor performance. Suitable for a wide range of applications including power transmission and telecommunications.





Applications

- Power transmission lines
- Overhead conductors
- Communication cables
- Power distribution poles
- Messenger strand / stay wire / guy wire / earth wire
- ACSR cables
- Agricultural and fencing applications (cattle, greenhouse, etc.)

Small Diameter

Diameter (in/mm)	Wires	Strength (lbf)	Zinc Coating (A/B/C)
1/8 (3.18)	7	1330	122 / 244 / 366
5/32 (3.97)	7	2140	122 / 244 / 366
3/16 (4.76)	7	2850	153 / 305 / 458

Medium Diameter

Diameter (in/mm)	Wires	Strength (lbf)	Zinc Coating (A/B/C)
7/32 (5.56)	3	3500–3850	153–244 / 305–488
1/4 (6.35)	3	4730–6650	183–259 / 366–519
9/32 (7.14)	3	5260–8950	214–259 / 427–641

Large Diameter

Diameter (in/mm)	Wires	Strength (lbf)	Zinc Coating (A/B/C)
5/16 (7.94)	7	6350–11200	244–275 / 488–824
3/8 (9.52)	7	8360–15400	259–275 / 519–824
7/16 (11.11)	7	14500–20800	275–305 / 549–915

Extra Large Diameter

Diameter (in/mm)	Wires	Strength (lbf)	Zinc Coating (A/B/C)
1/2 (12.7)	7	24500–35000	305 / 610 / 915
9/16 (14.29)	19	24100–33700	244–259 / 488–778
5/8 (15.88)	19	28100–40200	259 / 519 / 778
3/4 (19.05)	19	40800–58300	275 / 549 / 824

Fast Connector SC APC (UPC)

Pre-polished fast connectors designed for quick and reliable fiber termination. Compatible with single-mode fiber and various cable types including 0.9 mm tight buffer, 2 mm, and 3 mm drop cables. No adhesive or curing process required, allowing easy rework and reducing installation errors.

Key Features

- Factory-installed fiber stub for consistent performance
- Fast, easy field installation — no special tools required
- Reusable and reworkable design reduces failure rates
- No splicing or adhesive needed
- Compatible with multiple cable sizes (0.9 / 2 / 3 mm)
- Low insertion loss and high return loss
- Reliable optical performance for stable connections



FC-SC/UPC



FC-SC/UPC-P



FC-SC/APC-A
FC-SC/UPT-A



FC-SC/UPC



FC-SC/UPC-P



Standard Fast Connector Specifications

Item	Unit	Parameter
Insertion Loss	dB	Max ≤ 0.5, Avg ≤ 0.3
Return Loss	dB	≥ 45
Durability (1000 mating)	dB	Max 0.2
Operating Temperature	°C	-40 to +75
Storage Temperature	°C	-40 to +85

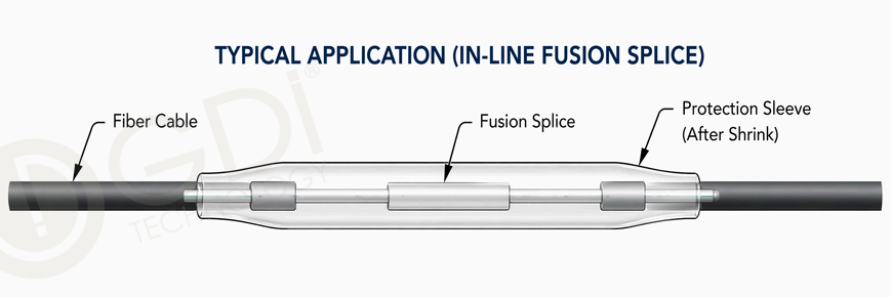
FC-SC/APC-A / FC-SC/UPC-A Specifications

Item	Unit	Parameter
Insertion Loss	dB	0.2
Return Loss	dB	≥ 45
Durability (1000 mating)	dB	Max 0.1
Operating Temperature	°C	-40 to +80
Storage Temperature	°C	-40 to +85

Fusion Splice Protection Sleeves







Specification

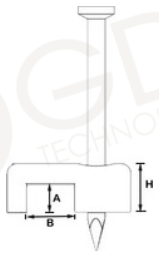
Model No.		Length (mm)	Inner Tube Diameter (mm)	Outer Tube Diameter (mm)	Steel Diameter (mm)	Steel Material	Color
GDI-FSPS-61/54B		61/54	1.5	2.5 ± 0.1	1.2	304	Clear
GDI-FSPS-45/40B		45/40	1.5	2.5 ± 0.1	1.2	304	Clear
GDI-FSPS-61/54C		61/54	1.5	2.4 ± 0.1	1	304	Clear
GDI-FSPS-45/40C		45/40	1.5	2.4 ± 0.1	1	304	Clear
GDI-FSPS-40/35C		40/35	1.5	2.4 ± 0.1	1	304	Clear

Cable Clips/ Cable Tie

Cable Clips – for fiber drop cable

Key Features:

- Made of PE material with high elasticity and impact resistance
- Inserting type design with pre-attached nail
- Easy and secure installation
- Available colors: White or Black



Model No.	Height (mm)	A (mm)	B (mm)	Nail (mm)	Suitable for Fiber Drop Cable
GCD-2.5	3.5	2	2.5	1.4 × 15	Indoor drop cable 2.0 × 3.0 mm
GCD-5	5.5	3.5	5	1.7 × 14	Indoor drop cable 2.0 × 5.0 mm

Cable Clips – for mini fiber drop cable

Key Features:

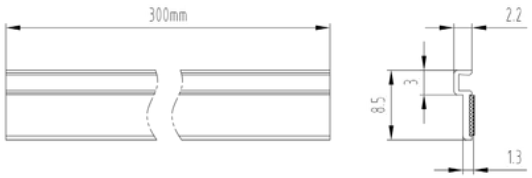
- Made of PE material with high elasticity and impact resistance
- Inserting type design with pre-attached nail
- Easy and secure installation
- Transparent color for minimal visual impact



Model No.	A (mm)	B (mm)	Suitable for Mini Fiber Drop Cable
GC-2.0	1.6	2	Indoor drop cable 2.0 × 1.6 mm
GC-1.6	1.2	1.6	Indoor drop cable 1.6 × 1.2 mm

Cable Raceway for mini fiber drop cable

- Length: 30 cm
- Color: Transparent
- Compatible Cable Size: 2.0 × 1.6 mm



GD-2016/30



GD-2016P



GD-5D



Cable Spaces

Model No.: GDTS-011

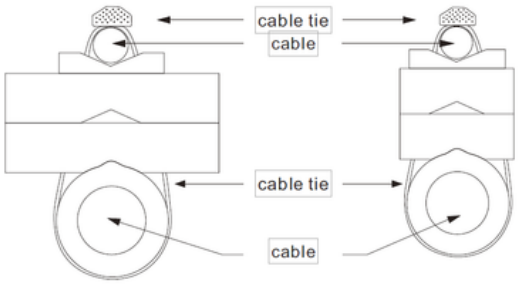


Technical Information:

- Material: Weather-resistant Polypropylene
- Temperature Range: -40°C to +85°C
- Color: Black
- Properties: UV-resistant, halogen-free

Features

- Stackable design in 12.7 mm increments for flexible spacing
- Eliminates need for multiple spacer sizes
- Rotatable 90° to accommodate larger or multiple cables
- Secure strap retention on both sides with cable cradle support
- Restricts movement to maintain cable positioning
- Protects cable surface from damage
- Suitable for parallel or perpendicular routing
- Compatible with various telecommunication cables



Dimensions

- Length: 52.9 mm (2.08")
- Width: 29.5 mm (1.16")
- Height: 12.7 mm (0.5")

Cable Tie



Features

- Flame-retardant (UL 94 V-0 rated)
- UV-resistant for outdoor durability
- UL listed for safety compliance

Model No.	Width × Length (mm)	Length (inch)	Min. Tensile Strength (lbs)
GT-4	2.5 × 100	4"	18
GT-8	4.8 × 200	8"	50
GT-11	4.8 × 280	11"	50

Outdoor Patch Cord

Fiber optic outdoor patch cord designed for FTTA applications. Built with simplex single-mode fiber (G.657.A2) for reliable performance in outdoor environments.

Feature

- Ideal for FTTA (Fiber to the Antenna) deployment
- Direct connection to fiber distribution box output ports
- Connector options: SC/APC, SC/PC
- Compatible with Mini SC, Corning OptiTap, and Furukawa Slim adapters
- Customizable cable length to meet project requirements
- Durable design for outdoor use



Model Information: Model No.: XX/Y

- XX: Connector type
- (SC/APC, SC/PC, Mini-IP Fast, 3-in-1, Cable-through head, Open end)
- Y: Cable length

Item	Unit	Parameter
Insertion Loss	dB	≤ 0.3
Return Loss	dB	≥ 60
Durability (1000 mating)	dB	Max 0.2
Operating Temperature	°C	-40 to +75
Storage Temperature	°C	-40 to +85
Cable	mm	Flat: 2.0 × 5.0 or 2 × 5 mm; Round: 2.0–5.0 mm
Waterproof	—	IP68

SC/APC- Cable through head



SC/APC- Mini-IP Fast





Mini-IP Fast



SC/APC- SC/PC

3in1patchcable SC/APC

Adaptor:
Mini SC
Corning Optitap,
Furukawa Slim



Indoor Patch Cord/ Pigtail

Indoor Patch Cord

Description

Fiber optic indoor patch cable using simplex single-mode fiber, designed for reliable indoor connectivity.



Features

- Connector options
- Custom cable length available
- Stable performance with low signal loss

Model No.: GPI-XX/XX-Y

- XX: Connector type
- Y: Cable length



Indoor Pigtail

Description

Fiber optic indoor pigtail using simplex single-mode fiber, suitable for splicing and termination applications.

Features

- Connector options
- Compact and easy to install
- High reliability for indoor use

Model No.: P-XX/XX-Y

- XX: Connector type
- Y: Cable length

Outdoor Pigtail

Description

Fiber optic outdoor pigtail built with simplex single-mode fiber for enhanced durability in outdoor environments.



Features

- Connector options
- Weather-resistant construction
- Suitable for outdoor installations

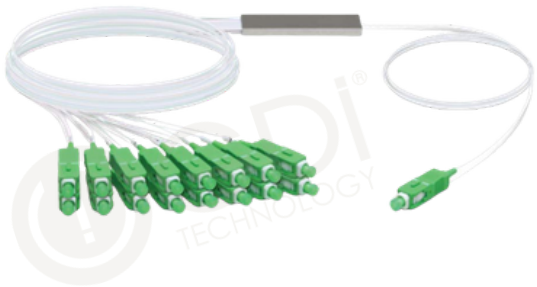
Model No.: P-XX/No.-Y

- XX: Connector type
- No.: Fiber cores
- Y: Cable length

PLC Splitter

Features

- **Model:** GC-GB-XX-YY (XX: connector type; YY: outputs/split ratio)
- For FTTx & HFC applications
- Up to 64 output ports
- Low insertion loss, multiple split ratios
- 1310–1550 nm dual window
- Single-mode fiber with high-quality connectors



1x2 Optical Coupler

Split Ratio (%)	Tap (dB)	Thru (dB)	Max Uniformity
50/50	3.7	3.7	0.7
45/55	4.2	3.3	0.7
40/60	4.7	2.9	0.7
35/65	5.3	2.6	0.7
30/70	5.9	2.2	0.7
25/75	6.7	1.9	0.7
20/80	7.7	1.7	0.7
15/85	8.9	1.4	0.7
10/90	10.7	1.2	0.7
05/95	13.7	0.9	0.7

Multi-Port Optical Couplers

Item	Split Type	Max Insertion Loss (dB)	Max Uniformity
1x4 optical coupler	Even	7.5	1.5
1x8 optical coupler	Even	10.5	1.5
1x16 optical coupler	Even	13.5	1.5
1x32 optical coupler	Even	16.7	1.5
1x64 optical coupler	Even	20	1.8

GBS / DGX Splitter

GBS Splitter



Features

- **Model:** DC-GBS-XX-YY
- XX: Connector type (DC/DPC, DC/PC)
- YY: Output number & split ratio (%)

Features:

- Designed for FTTx & HFC applications
- Up to 64 output ports available
- Low insertion loss
- Wide range of split ratios
- Operates at 1310–1550 nm (dual window)
- Single-mode fiber
- High-quality optical connectors



DGX Splitter



Model: DC-DGX-XX-YY

- XX: Connector type (DC/DPC, DC/PC)
- YY: Output number & split ratio (%)

Features:

- For FTTx & HFC applications
- Up to 16 output ports
- Low insertion loss
- Wide range of split ratios
- 1310–1550 nm dual window
- Single-mode fiber
- High-quality connectors

Rack Mount

Rack Mount Fiber Optic Frame

19" slidable rack-mount with aluminum, self-locking drawer to prevent slipping. Supports ST, SC, LC, MTRJ, and FC adapters. Pull-out tray allows easy fiber access for splicing, testing, and distribution.

Features:

- Standard size, lightweight, durable design
- Slide-out drawer for easy cable management
- Supports ribbon & single fiber
- Compact, space-saving
- Interchangeable panels for various adapters
- Front labeling for easy identification
- Available in 12–144 fiber capacities















Model No.	Max Capacity of Single Fiber	Adaptor	Material
GMPS-8	8	SC/FC Duplex	Cold-rolled Material
GMPS-16	16		
GMPS-24	24		
GMPS-48	48		
GMPS-72	72		
GMPS-96	96		

Rack Mount

Rack Mount

19" rack mount for ST, SC, LC, MTRJ, FC adapters; fixed (non-sliding) design.

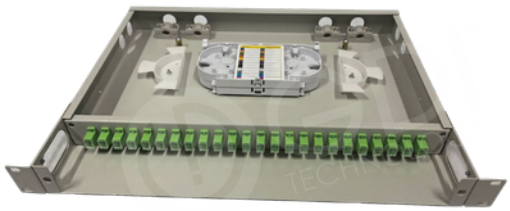
Features:

- Standard size, lightweight, and well-structured design
- Compatible with ribbon and single fiber
- Compact design for space saving
- Supports various panel plates for different adapter interfaces











Model No.	Max Capacity of Single Fiber	Adaptor	Material
GMP-8	8	SC/FC Duplex	Cold-rolled Material
GMP-16	16		
GMP-24	24		
GMP-48	48		
GMP-72	72		
GMP-96	96		

Rack Mount



Rack Mount

- 19-inch rack mount compatible with ST, SC, LC, MTRJ, and FC adapters
- Model GMP 2-16: 2 inputs and 16 outputs
- Model GMP 2-32: 2 inputs and 32 outputs

Rack Mount

- 19-inch rack mount compatible with ST, SC, LC, MTRJ, and FC adapters
- Model GMP 2-16: 2 inputs and 16 outputs
- Model GMP 2-32: 2 inputs and 32 outputs

Model No.	Max Capacity of Single Fiber	Adaptor	Material
GMP2-16	16	SC/FC/ST/LC Duplex	Cold-rolled Material
GMP2-32	32		



A



B

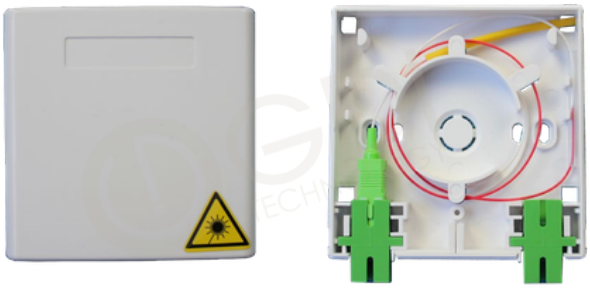


C



D

Terminal Box

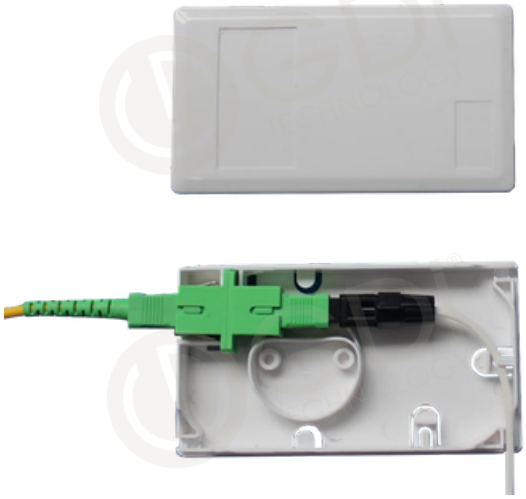


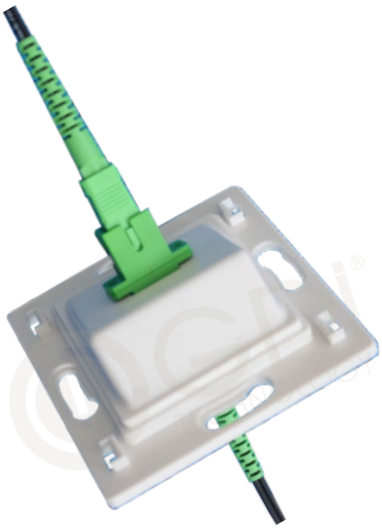
Model: GTTH-001 wall outlet

- Economic FTTH termination unit for residential and business use
- Supports up to 2 fibers with 2 SC adapters
- Compact, wall-mounted design (86 × 86 × 19 mm)
- 4 input cable ports, max cable diameter 5 mm
- Cable entry from both sides for flexibility
- Removable cover for easy access and installation
- Low-profile design suitable for small to large premises

Model: GTTH-808 wall outlet

- Economical FTTH termination unit for residential and business use
- Supports 1 fiber with 1 SC adapter
- Very compact, low-profile wall-mounted design
- 3 input cable ports, max cable diameter 3 mm
- Quick installation for office or home use
- Removable cover for easy access
- Kit includes base, cover, and cable fixation accessories
- Dimensions: 92 × 51 × 17.5 mm





Model: GTTH-908 wall outlet

- Economical FTTH termination unit for residential and business use
- Supports 1 fiber with 1 SC adapter
- Very compact, low-profile wall-mounted design
- 1 input cable port
- Quick installation for home or office use
- Removable cover for easy access
- Kit includes base, cover, and cable fixation accessories
- Dimensions: 75 × 75 × 23 mm

Terminal Box

Model: GOTB-O-08-C





- Indoor/outdoor wall-mount enclosure for fiber termination
- IP65 weather protection rated
- Supports SC adapter installation (up to 8 SC adapters)
- Maximum capacity: 12 fibers with 1:8 mini splitter
- Compatible with outdoor cables and indoor soft cables
- Compact size: 210 × 175 × 50 mm
- Suitable for residential and business installations
- Includes base, cover, and cable fixation accessories





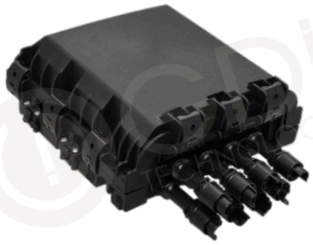
Model: GTTB-X20

- Designed for FTTH access networks, telecom, CATV, data communication, and LAN systems
- Supports 1×8 and 1×16 PLC splitters
- Capacity: 16 splices and 16 SC adapters
- Up to 16 FTTH drop connections
- Wall and pole mountable design
- 2 inlet ports (max cable diameter 12 mm) and 16 outlet ports
- UV and weatherproof construction
- Protection ratings: IP65 (HTTB-X20A) / IP54 (HTTB-X20B)
- ROHS compliant
- Dimensions: 260 × 320 × 90 mm



Pole Terminal Closure

Fiber Optical Splice Closure – 16 Port: Model No.: GF-IL-16C



Compact and durable fiber splice closure designed for aerial and pipeline installations. Supports up to 16 fiber connections with flexible cable management and easy maintenance.



Features

- Buckle-fixed design with silicone sealing for easy opening
- Cable entry from left, right, and base for flexible installation
- No special tools or training required
- Includes multiple cable rings for various cable sizes
- Supports up to 16 fast connectors / cable outputs
- Compatible with 1 × 1:16 splitter or 2 × 1:8 splitters
- Designed for fast and direct fiber fusion

Technical Data

- Cable Diameter: 6–25 mm
- Environment: Aerial / Pipeline
- Dimensions (L × W × H): 359 × 277 × 117.2 mm
- Waterproof Rating: IP65

Fiber Optical Splice Closure – 8 Port: Model No.: GF-IL-08C



Compact splice closure designed for smaller fiber distribution needs, providing reliable protection and easy installation.



Features

- Buckle-fixed design with silicone sealing
- Cable entry from left, right, and base
- Easy installation and reopening (no special tools required)
- Includes cable rings for multiple cable sizes
- Supports up to 8 fast connectors / cable outputs
- Compatible with 1 × 1:8 splitter
- Enables fast and efficient fiber fusion

Technical Data

- Cable Diameter: 9–11 mm
- Environment: Aerial / Pipeline
- Dimensions (L × W × H): 276 × 248 × 117.2 mm
- Waterproof Rating: IP65

Fiber Optical Splice Closure
In-Line Type

Model No.: GFT-011

Compact in-line splice closure designed for efficient fiber management and easy installation in outdoor environments.



Key Features

- Buckle-fixed design with silicone sealing for easy opening
- Cable entry from left, right, and base for flexible routing
- Easy installation and reopening — no special training required
- Supports up to 16 fusion fast connectors
-

Dimensions

- 319 × 195 × 105 mm



Model No.: GOTB-X-C

Durable in-line splice closure with optimized internal space for fiber routing and protection.



Key Features

- Buckle-fixed design with silicone sealing
- Flexible cable entry from multiple directions
- Simple installation and maintenance
- Supports up to 16 fusion fast connectors

Dimensions

- 340 × 220 × 100 mm





Model No.: GFT-016V

Reliable in-line splice closure designed for fast deployment and stable fiber connections.



Key Features

- Buckle-fixed and silicone-sealed construction
- Multi-direction cable entry design
- Easy installation and reopening
- Supports up to 16 fusion fast connectors

Fiber Optical Dome Enclosure

Model No.: GJ-102-8 Ports



Application Suitable for:

- Underground
- Aerial
- Vault
- Pole mounting
- Wall mounting

Description

High-capacity dome closure designed for fiber optic cable protection and splicing in demanding environments. Supports cut, uncut, and taut sheath applications with durable, weather-resistant construction.

Features

- Compatible with all fiber optic cable types
- Sheath retention and central strength member fastening system included
- Ribbed closure design for enhanced strength and durability
- Lightweight, UV- and chemical-resistant plastic housing
- Easy installation and re-entry with minimal tools
- All hardware included
- Flash test capable for sealing verification
- Protection class: IP68
- RoHS compliant



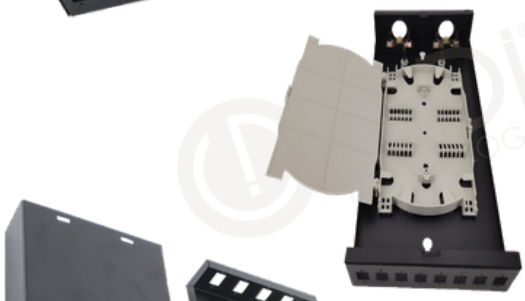
Specifications

- Max Splice Capacity: 144 fibers (6 trays × 24 splices)
- Dimensions: 540 × 180 mm
  - Cable Ports:1 oval port
  - 8 round ports
  - Max Cable Diameter:Oval port: up to 25 mm (1 cable)
  - Round ports: up to 10 mm each (1 cable per port)



Wall Mount Closure







Wall Mount Closure (Metal Splitter Distribution Box)

- FTTH distribution box for corridor, basement, room, and exterior wall applications
- Functions include mechanical splicing, fusion splicing, splitting, and cable distribution (internal parts supplied separately)
- Made of high-quality cold rolled steel with electrostatic waterproof coating
- Wall-mounted cabinet with waterproof lock
- Operating temperature: -30°C to +55°C; storage: -40°C to +60°C
- Supports 4 to 96 fiber cores and multi-fiber cable access
- Compatible with 4/8/16/32/48/72/96 SC, FC, or ST adapters
- Easy installation and maintenance
- Supports branch connection configurations





Model No.	Max Capacity of Single Fiber	Cable Diameter	Cable Ports	Max Quantity of Splice Try	Max Capacity on Main backbone Cable
GDB-16	16	10mm-14mm	2 holes	2	12 Single Fiber
GDB-24	24		2 holes	2	
GDB-32	32		4 holes	3	
GDB-48	48		4 holes	4	
GDB-72	72		6 holes	6	
GDB-96	96		6 holes	8	

GDF & Cabinet



19” Fiber Optic Patch Panel (GDF Frame)

- Used for cable interconnection between communication equipment
- Available in 24 / 48 / 96 / 144 / 288 port configurations (customizable)
- Designed for organized fiber management in telecom networks

Model No.	Max Capacity of Splice Tray	Adaptor	Material
GDF-12	4	SC/FC/ST/LC Duplex	Cold-rolled Material
GDF-24	8		
GDF-48	16		
GDF-72	24		
GDF-96	32		
GDF-144	48		

Fiber Optic Splice Cabinet





- Suitable for indoor and outdoor installation (telecom rooms, basements, premises, or street corners)
- Single-door front-access design, wall mountable
- Triple-point locking system for added security
- Robust, rust-free housing construction
- Independent cable entry/exit for optical cables, pigtails, and patch cords
- Flexible cable fixing structure with multiple fixation points for improved stability

Model No.	Max Capacity of Splice Tray	Adaptor	Material
GOSC-144	4	SC/FC/ST/LC Duplex	Cold-rolled Material
GOSC-288	8		

External Power Supplies

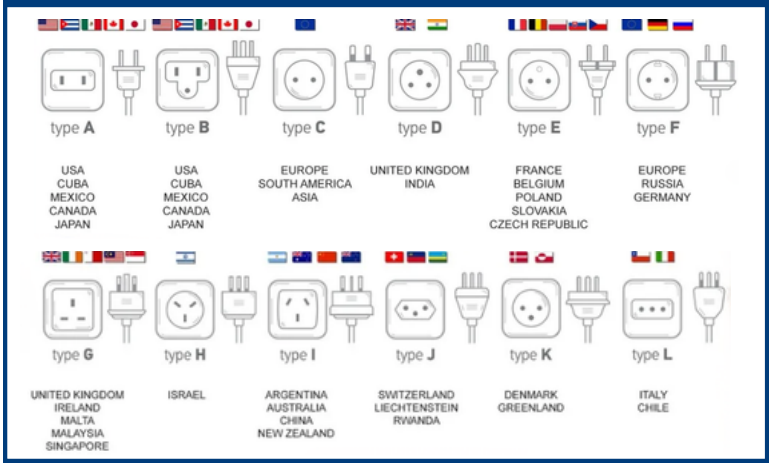




Brick Type
Compact inline power adapter designed for reliable performance and easy cable integration.

Wall Type
Space-saving wall plug adapter with direct outlet connection for convenient everyday use.

Plug Types







Engineered for Unstable Power Environments

- Multi-layer circuit design for enhanced performance
- Smart voltage controller (handles 75–240V fluctuations)
- Energy-efficient operation
- 2026 Level 6 SMT technology
- High-quality, durable components
- L-shaped heatsink for optimal heat dissipation
- 2-year warranty
- Compatible with major brands (Cisco, SMC, Ubee, Pace, Technicolor, Hitron, etc.)



Remote Controls

For over 27 years, GDI Technology has been a leader in high-performance remote control solutions, serving industries such as Cable, Consumer Electronics, Medical, and Hospitality. Based in Miami, FL, GDI is trusted by OEM partners, service providers, and retailers worldwide.

GDI offers complete end-to-end support — from concept and design to production and delivery — backed by one of the industry's most comprehensive control code libraries.



Capabilities

- Custom remote design and development
- Tailored standard models to meet specifications
- Custom molds, tooling, and IC programming
- Color, branding, and full product personalization
- High-performance, reliable digital control solutions

Key Advantages

- Ergonomic, innovative designs
- Simple setup and user-friendly experience
- Extensive control code library
- Rapid prototyping
- Competitive pricing

Why GDI

- Proven industry expertise
- Reliable, high-quality manufacturing
- Flexible design and engineering capabilities
- Trusted by leading operators and OEM partners

Cables and Accesories

GDI offers a complete range of high-quality cables and power solutions designed for reliable performance across home and commercial environments.

Product Range

- **HDMI Cables –** High-speed audio and video transmission with support for HD and 4K devices
- **CAT5 (Ethernet) Cables –** Stable and efficient network connectivity for internet and data transfer
- **RCA Cables –** Clear analog audio and video connections for TVs, speakers, and AV equipment
- **USB Cables –** Fast and dependable charging and data synchronization for multiple devices
- **Power Cords –** Durable power solutions available with and without surge protection
- **HDMI2AV Converters** - HDMI 1.3 to AV CVBS Video Audio Signal Converter Adapter For TV VHS VCR DVD

GDIILT-HDMI





Key Features

- Reliable performance and signal quality
- Durable construction for long-term use
- Compatible with a wide range of devices
- Available in multiple lengths and configurations

GDPS-115



3 RCA-AV



GDPS-006



3 RCA GDI 6"



GDI-Cat5e



GDI-HDMI2AV



C-Band LNB and Filters



13ºK C-Band LNB-V2

- **Input Frequency:** 3.7–4.2 GHz
- **L.O. Frequency:** 5.15 GHz ± 500 kHz
- **Output Frequency:** 950–1450 MHz
- **Noise Figure:** 13K
- **Conversion Gain:** 65 dB (typ.)
- **DC Supply Voltage:** 11–22 V
- **Operating Temperature:** -40°C to +70°C



15ºK C-Band LNB-V2

- **Input Frequency:** 3.4-4.2 GHZ
- **L.O. Frequency:** 5.150 GHz ± 500 KHz
- **Output Frequency:** 950–1750 MHz
- **Noise Figure:** 15K
- **Conversion Gain:** 65 dB (typ.)
- **DC Supply Voltage:** 11–22 V
- **Operating Temperature:** -40°C to +70°C



C-Band Pass Filter GDI-BPF60

The GDI-BPF60 C-Band pass filter is designed to reduce 5G and other terrestrial interference, preventing issues like intermodulation and LNB saturation. It provides a wide passband with low insertion loss, steep roll-off skirts, and strong stopband rejection.

Specifications:

- **Model:** GDI-BPF60
- **5G rejection (3.4–4.2 GHz):** ±60 dB
- **Insertion loss (3.7–4.2 GHz):** ±0.5 dB
- **SWR (3.7–4.2 GHz):** ±1.3 dB
- **Connector:** BJ40
- **Size:** 99 × 70 × 112 mm
- **Weight:** 536 g



C-Band GDI-BPF80

The GDI-BPF80 C-Band pass filter is designed to eliminate 5G and other terrestrial interference, helping prevent intermodulation issues and LNB saturation. It offers a wide passband, low insertion loss, sharp roll-off, and high stopband rejection.

Specifications:

- **Model:** GDI-BPF80
- **5G rejection (3.4–4.2 GHz):** ±80 dB
- **Insertion loss (3.7–4.2 GHz):** ±0.5 dB
- **SWR (3.7–4.2 GHz):** ±1.3 dB
- **Connector:** BJ40
- **Size:** 99 × 70 × 112 mm
- **Weight:** 536 g

Battery Backup / UPS





GDUPS-POWER 30

- Compact 12V backup power supply for ISP and MSO use
- Ensures continuous operation of critical network equipment
- Stable 12V output up to 2.5A
- Smart charging adjusts to available input power
- Built-in protection for safe and reliable operation
- LED indicators for real-time status monitoring
- Lightweight, space-saving design
- Ideal for CPE and network edge installations



GDUPS-FLEX 27

- Compact multi-voltage backup power supply for ISP, SMB, and home use
- Provides uninterrupted power during outages for routers, ONUs, and DC devices
- Multiple outputs: 5V, 9V, 12V, and USB QC3.0
- Supports powering multiple devices at the same time
- Built-in protection systems for safe and stable operation
- LED indicators show real-time battery status
- Lightweight, portable design
- Ideal for residential and network edge installations



12V DC Input
Stable 12V ±5% input

27W Total Output
Efficient power delivery

Smart Charging
CC-CV charging · ~9 hours

Built-in Protection
Overcurrent & safe operation

Multi Voltage Output
5V / 9V / 12V DC + QC3.0

≥79% Efficiency
Optimized power conversion



CPE SOLUTIONS & REFURBISHMENT SERVICES

Reliable, cost-effective CPE solutions designed to extend lifecycle, reduce costs, and ensure consistent network performance.



CABLE MODEMS
DOCSIS 3.0 / 3.1

High-speed connectivity with reliable performance.



ONTS & FIBER DEVICES
GPON / XPON

Delivering ultra-fast fiber connectivity.



SET-TOP BOXES & GATEWAYS
Enhanced entertainment and gateway solutions.



REFURBISHED CPE SOLUTIONS
Cost-effective. Tested. Reliable. Sustainable.

CPE PRODUCT SOLUTIONS

- Cable Modems (DOCSIS 3.0 / 3.1)
- ONTs & Fiber Devices
- Gateways & Routers
- Set-Top Boxes
- Fully tested and operator-ready

REFURBISHMENT SERVICES

- Full device inspection & diagnostics
- Component-level repair & replacement
- Firmware updates & reconfiguration
- Cosmetic restoration
- Secure data wiping

QUALITY ASSURANCE

- 100% functional testing
- Performance validation
- Burn-in & stress testing
- Serialized tracking & reporting

KEY BENEFITS

- Reduce CAPEX and extend device lifecycle
- Fast turnaround times
- Consistent, like-new performance
- Environmentally responsible solution

OUR REFURBISHMENT PROCESS

1. INSPECT Comprehensive inspection and diagnostics →

2. REPAIR Component-level repair and part replacement →

3. UPDATE Firmware update and configuration reset →

4. TEST Rigorous testing and performance validation →

5. CERTIFY Final quality check, cleaning and certification →

6. DELIVER Secure packaging and fast turnaround

ENGINEERED FOR RELIABILITY. OPTIMIZED FOR COST EFFICIENCY.

GDI TECHNOLOGY

CONNECTING TODAY. POWERING TOMORROW.

GDI Technology delivers high-performance HFC & Fiber solutions that keep the world connected. Engineered for reliability, built for the future.



QUALITY YOU CAN TRUST
Rigorous testing and quality control ensure reliable performance in every product we deliver.

ENGINEERED SOLUTIONS
From design to delivery, we provide end-to-end solutions tailored to meet the evolving needs of the broadband industry.

CUSTOMER FOCUSED
We partner with leading operators and brands to deliver value, innovation, and exceptional service worldwide.

GLOBAL REACH
Serving clients across the globe with scalable solutions and trusted expertise for over 27 years.

OUR CAPABILITIES

- Custom Product Design & Development
- Advanced Manufacturing & SMT Technology
- Rigorous Testing & Quality Assurance
- Branding & Product Personalization
- Scalable Production to Meet Your Needs

SOLUTIONS FOR

- Cable & Broadband Operators
- Telecommunications
- Hospitality
- Consumer Electronics
- Medical & Commercial Applications

OUR PROMISE

We are committed to delivering innovative, reliable, and high-quality solutions that empower our partners and enhance the connected experience for millions worldwide.

ENGINEERED FOR PERFORMANCE.
BUILT FOR RELIABILITY.

GDI TECHNOLOGY

Miami, FL, USA
+1 305.969.2047
sales@gditechnology.com
www.gditechnology.com

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