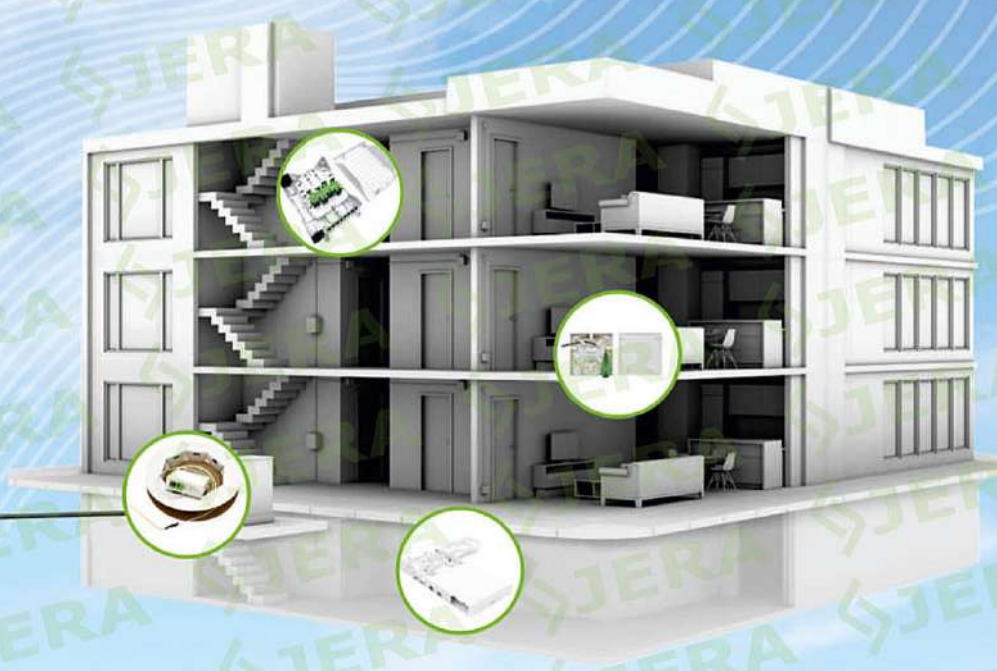
JERA LINE
CHINA NINGBO YUYAO FACTORY



FIBER OPTIC CABLES, CLAMPS, BOXES FOR OUT & INDOOR FTTX DEPLOYMENT

COMPANY PROFILE

JERA LINE is a factory, that produces overhead and underground cable infrastructure.
Which transmits information and electricity, via

- Fiber Optic Cable Networks,
- Power Cable Grids.

In the following catalog, we present aerial and indoor products for fiber optics deployment.

JERA is operating according to ISO9001, all our products meet the criteria of key regional standards, CE , IEC , EN , CPR, UL 94.
Welcome to cooperate, our intention is committed to build reliable, long-term business relationships.

Our Mission is to satisfy the market's demands through the development of technology in related business sectors to the hightest technology level by using innovations and know how.

Our Vision is to achieve the possibility of manufacturing a comprehensive and reliable complex of products for construction of telecommunication networks and and power distribution systems.

OUR ADVANTAGES

QUALITY GUARANTEE

5 years of
quality guarantee

MANUFACTURER RND

Direct factory with
research and design
OEM ODM

COMPETITIVE PRICE

Location in China
Organized production process

COMPLETE SOLUTION

Necessary PON range
for FTTx & FTTH

SAVE LOGISTICS COSTS

Product range coversnecessity
FTTH solution, Full container by
cables, clamp and boxes

GLOBAL EXPERIENCE

Global experience,
we produce for more than
30 countires

ADVANTAGEOUS PAYMENT TERMS

Profitable payment terms
for long term customers

CUSTOMER SERVICE

Customer product
recommendations
12 hours support

JERA line is committed to produce high quality
and reliable fiber optical products for our customers.

We use modern production technologies, cost-efficient processing solutions and automation equipment to achieve high efficiency production.
And we have internal laboratory and experienced engineers to proceed essential quality test conform to IEC 60794-1-21 for daily ispection or new product development.

PRODUCTION FACILITY

Fiber optic cable workshop | Plastic molding workshop | Molding workshop

Press forming workshop | Plastic molding workshop | Pre connectorization workshop

TESTING FACILITY

Cable OTDR test | Tensile strength test | Temp & Humi cycling test

UV & temperature test | Corrozion aging test | Fire resistance test

JERA LINE'S APPROACH IN FIBER OPTICS

2012
Jera Line was estabiiashed

2013
Pole banding family

2015
Mid span clamps

2017
Drop clamp & brackets

2018
Fiber optic drop cables

2019
Fiber optic boxes & storage system launched

2021
Pre-connected outdoor cables

2023
Pre connectorized Solution (Bayonet Type)

2024
Indoor ODN

JERA LINE

CATALOG'S CONTENT

FIBER OPTIC CABLES

KEY FEATURES:

- COMPLY TO INTERNATIONAL STANDARDS CPR, ROHS, CE, IEC-60794-1-21.
- APPLIED AS LAST MILE IN FTTX NETWORK DEPLOYMENT.
- HIGH CONNECTING USABILITY, EASY ACCESS TO THE FIBER CORE.
- FLEXIBLE AND DURABLE, STABLE ENVIRONMENT STABILITY.

FIBER OPTIC CABLE NAME CODING

EXAMPLE:

FOC-Fr8-1.2-Steel-LSZH(BD)+8xPF-4x0.9*PVC-1x657A1-3.5x6.6-PM-360-1000m-1.2KN

1 **Product name** (Fiber optic cable)

2 **Cable type** (Flat figure 8 type)

3 **Messenger type** (1.2mm steel wire)

4 **Jacket's material** (LSZH polymer)

5 **Reinforcement material** (Polyolefin , 8 cores)

6 **Buffer type** (Tight buffer,0.9mm, PVC, 4 fibers)

7 **Fiber type** (G657A1 type fiber)

8 **Cable dimension** (3.5×6.6mm)

9 **Type of drum** (Drum size Ø360mm)

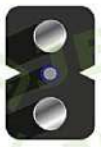
10 **Length** (1000m per drum)

11 **Tensile strength** (1.2KN)

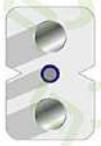
FIBER OPTIC DROP CABLE FLAT-TYPE. 1, 2, 4 CORES,

REINFORCED BY STEEL/FRP RODS FOR INDOOR & OUTDOOR DEPLOYMENT

Cable Description



- MESSENGER WIRE: STEEL/FRP
- OPTICAL FIBER
- OUTER JACKET: BLACK LSZH



- MESSENGER WIRE: STEEL/FRP
- OPTICAL FIBER
- OUTER JACKET: WHITE LSZH

Applications

Applied outdoor, for installation on the telecommunication supports, between the buildings and industrial constructions.

Applied indoor, for cable tray distribution networks of fiber optics. It is allowed to lay cable on the outdoor facade of a building.

Features

Perfect for indoor distribution networks of fiber optics

High connecting usability, easy access to the fiber core

Reliability.
Reinforced by steel strength member.

High flexibility design

Fiber redundant protection (Up to request)

UV radiation protection

Appropriate tensile performance

Appropriate crushing load

Minimum dimension and weight of drop cable

Technical Data

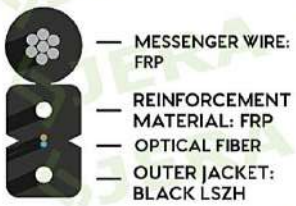
Item	Value (N)		
	1 fiber	2 fibers	4 fibers
Messenger type	Steel wire/FRP	Steel wire/FRP	Steel wire/FRP
Messenger diameter (mm)	0.40/0.50	0.40/0.50	0.40/0.50
Jacket's material	LSZH	LSZH	LSZH
Jacket's thickness (mm)	≥0.40	≥0.40	≥0.40
Fiber type	G.657.A1/A2 or G.652.D		
Cable dimension (mm)	2.0×3.0(±0.1)	2.0×3.0(±0.1)	2.0×3.0(±0.1)
Tensile strength (N)	200/80	200/80	200/80

JERA LINE

ULTRA FLEXIBLE DROP CABLE FLAT, FIGURE-8 TYPE. 1, 2, 4 CORES

WITH STEEL MESSENGER, REINFORCED BY STEEL/FRP RODS FOR OUTDOOR(AERIAL) DEPLOYMENT

Cable Description



Applications

Applied outdoor, for installation on the telecommunication supports, between the buildings and industrial constructions.

Applied indoor, for cable tray distribution networks of fiber optics. It is allowed to lay cable on the outdoor

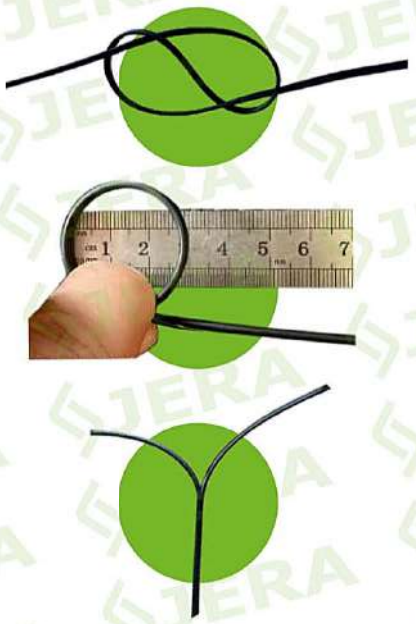
Key Features

Super flexible design

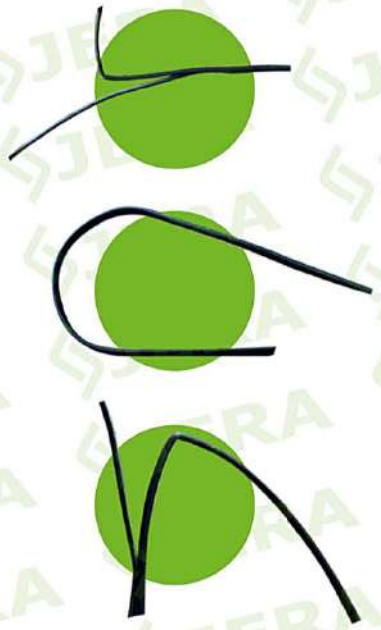
Small bending radius

No breaks during separation

Messenger reinforced



Wire reinforced



Technical Data

Item	Value (N)
	1-4 fiber
Messenger type	Galvanized steel wire
Messenger diameter (mm)	0.8 mm (7×0.25)
Jacket's material	LSZH (CPR Fca)
Reinforcement material	FRP
Reinforcement diameter (mm)	FRP 0.5
Fiber type	**G.657.A1/A2**
Cable dimension (mm)	2.0 × 5.2(±0.1)
Tensile strength (N)	1800

FIBER OPTIC DROP CABLE FLAT, FIGURE-8 TYPE. 1, 2, 4, 6 CORES

WITH STEEL/FRP MESSENGER, REINFORCED BY STEEL/FRP RODS FOR OUTDOOR(AERIAL) DEPLOYMENT

Cable Description

Applications

Applied outdoor, for installation on the telecommunication supports, between the buildings and industrial constructions.

Applied indoor, for cable tray distribution networks of fiber optics. It is allowed to lay cable on the outdoor

Features

- Perfect for indoor distribution networks of fiber optics
- High connecting usability, easy access to the fiber core
- Reliability. Reinforced by steel strength member
- High flexibility design
- Fiber redundant protection (Up to request)
- UV radiation protection
- Appropriate tensile performance
- Appropriate crushing load
- Minimum dimension and weight of drop cable

Technical Data

Item	Value (N)			
	1 fiber	2 fibers	4 fibers	6 fibers
Messenger type	Steel wire/FRP	Steel wire/FRP	Steel wire/FRP	Steel wire/FRP
Messenger diameter (mm)	1.0/1.2/7×0.33	1.0/1.2/7×0.33	1.0/1.2/7×0.33	1.0/1.2/7×0.33
Jacket's material	LSZH	LSZH	LSZH	LSZH
Jacket's thickness (mm)	≥0.40	≥0.40	≥0.40	≥0.40
Reinforcement material	Steel wire/FRP	Steel wire/FRP	Steel wire/FRP	Steel wire/FRP
Reinforcement diameter (mm)	0.40/0.50	0.40/0.50	0.40/0.50	0.40/0.50
Fiber type	G.657.A1/A2 or G.652.D			
Cable dimension (mm)	2.0 × 5.2(±0.1)	2.0 × 5.2(±0.1)	2.0 × 5.2(±0.1)	2.0× 5.2(±0.1)
Tensile strength (N)	1800/2000	1800/2000	1800/2000	1800/2000

FIBER OPTIC DROP CABLE, FIGURE-8 TYPE. 1, 2, 4 CORES

WITH STEEL MESSENGER, REINFORCED BY ARAMID YARN FOR OUTDOOR(AERIAL) DEPLOYMENT

Cable Description

Applications

Applied outdoor, for installation on the telecommunication supports, between the buildings and industrial constructions.

Applied indoor, for cable tray distribution networks of fiber optics. It is allowed to lay cable on the outdoor facade of a building.

Features

Perfect for indoor distribution networks of fiber optics

High connecting usability, easy access to the fiber core

Reliability. Reinforced by steel strength member

High flexibility design

Fiber redundant protection (Up to request)

UV radiation protection

Appropriate tensile performance

Appropriate crushing load

Minimum dimension and weight of drop cable

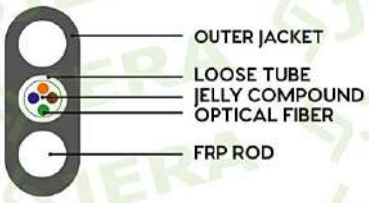
Technical Data

Item	Value (N)		
	1 fiber	2 fibers	4 fibers
Messenger type	Glvanized steel wire/ steel wire strand	Glvanized steel wire/ steel wire strand	Glvanized steel wire/ steel wire strand
Messenger diameter (mm)	1.2/0.33*7	1.2/0.33*7	1.2/0.33*7
Jacket's material	LSZH/TPU	LSZH/TPU	LSZH/TPU
Reinforcement material	Aramid yarn	Aramid yarn	Aramid yarn
Loose tube material	PBT	PBT	PBT
Loose tube diameter (mm)	1.2 (±0.02) mm	1.2 (±0.02) mm	1.2 (±0.02) mm
Fiber type		G.657.A1/A2 or G.652.D	
Cable dimension (mm)	3.5*6.6(±0.1)	3.5*6.6(±0.1)	3.5*6.6(±0.1)
Tensile strength (N)	1000	1000	1000

SINGLE MODULE ADSS FIBER OPTIC CABLE FLAT TYPE. 1-12 CORES

REINFORCED BY GLASS YARNS, PBT JELLY TUBE FOR OUTDOOR (AERIAL) DEPLOYMENT

Cable Description



Applications

Applied outdoor, for installation on the telecommunication supports, between the buildings and industrial constructions.

Applied indoor, for cable tray distribution networks of fiber optics. It is allowed to lay cable on the outdoor facade of a building.

Features

- Perfect for indoor distribution networks of fiber optics
- High connecting usability, easy access to the fiber core
- Full dielectric design
- High flexibility design
- Fiber redundant protection (Up to request)
- UV radiation protection
- Appropriate tensile performance
- Appropriate crushing load
- Minimum dimension and weight of drop cable

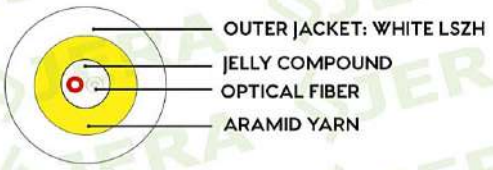
Technical Data

Item	Value (N)	
	1-4 fibers	1-12 fibers
Messenger type	FRP	FRP
Messenger diameter (mm)	Ø0.8 mm	Ø1.8/2.0 mm
Jacket's material	HDPE	HDPE
Loose tube material	PBT	PBT
Loose tube diameter (mm)	1.20 mm	1.80 mm
Fiber type	G.657.A1/A2 or G.652.D	
Cable dimension (mm)	4.0*2.0(±0.1)	8.0*4.2(±0.1)
Tensile strength (N)	800	1200/2000

FIBER OPTIC DROP CABLE, ROUND TYPE. 1, 2 CORES

REINFORCED BY GLASS YARNS FOR INDOOR DEPLOYMENT

Cable Description



Applications

Applied outdoor, for installation on the telecommunication supports, between the buildings and industrial constructions.

Applied indoor, for cable tray distribution networks of fiber optics. It is allowed to lay cable on the outdoor facade of a building.

Features

- Perfect for indoor distribution networks of fiber optics
- High connecting usability, easy access to the fiber core
- Full dielectric design
- High flexibility design
- Fiber redundant protection (Up to request)
- UV radiation protection
- Appropriate tensile performance
- Appropriate crushing load
- Minimum dimension and weight of drop cable

Technical Data

Item	Value (N)	
	1-4 fibers	6-12 fibers
Messenger type	Aramid yarn	Aramid yarn
Jacket's material	TPU/LSZH	LSZH
Loose tube diameter (mm)	1.2 (±0.06) mm	1.8 (±0.06) mm
Loose tube	PBT/PVC	PBT
Loose tube color	Natural	Natural
Fiber type	G.657.A1/A2 or G.652.D	
Cable dimension (mm)	3.0(±0.1)	3.6(±0.1)
Tensile strength (N)	700	700

FIBER OPTIC DROP CABLE, ROUND-TYPE. 1-12 CORES

REINFORCED BY GLASS YARNS AND TPU/LSZH FOR INDOOR & OUTDOOR DEPLOYMENT

Cable Description

Applications

Applied outdoor, for installation on the telecommunication supports, between the buildings and industrial constructions.

Applied indoor, for cable tray distribution networks of fiber optics. It is allowed to lay cable on the outdoor facade of a building.

Applied in drain system distribution networks of fiber optics. Blow in a cable into protective plastic pipes.

Features

Perfect for indoor distribution networks of fiber optics

High connecting usability, easy access to the fiber core

Full dielectric design

High flexibility design

Fiber redundant protection (Up to request)

UV radiation protection

Appropriate tensile performance

Appropriate crushing load

Minimum dimension and weight of drop cable

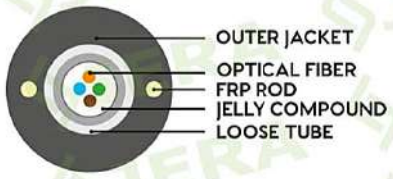
Technical Data

Item	Value (N)	
	1-4 fibers	6-12 fibers
Messenger type	Aramid yarn	Aramid yarn
Jacket's material	TPU/LSZH	LSZH
Loose tube diameter (mm)	1.2 (±0.06) mm	1.8 (±0.06) mm
Loose tube/Tight buffer material	LSZH/PVC	PBT Gel loose tube
Loose tube color	Colorful	Natural
Fiber type	G.657.A1/A2 or G.652.D	
Cable dimension (mm)	3.0(±0.1)	3.6(±0.1)
Tensile strength (N)	700	700

SINGLE MODULE ADSS FIBER OPTIC CABLE. 1-24 CORES

REINFORCED BY GLASS YARNS, PBT JELLY TUBE FOR OUTDOOR (AERIAL) DEPLOYMENT

Cable Description



Applications

Applied outdoor, for installation on the telecommunication supports, between the buildings and industrial constructions.

Applied indoor, for cable tray distribution networks of fiber optics. It is allowed to lay cable on the outdoor facade of a building.

Applied in drain system distribution networks of fiber optics. Blow in a cable into protective plastic

Features

Perfect for indoor distribution networks of fiber optics

High connecting usability, easy access to the fiber core

Full dielectric design

High flexibility design

Fiber redundant protection (Up to request)

UV radiation protection

Appropriate tensile performance

Appropriate crushing load

Minimum dimension and weight of drop cable

Technical Data

Item	Value (N)			
	1-4 fibers	1-4 fibers	6-12 fibers	16-24 fibers
Messenger type	FRP	FRP	FRP	FRP
Messenger diameter (mm)	Ø 0.5 mm	Ø 0.8 mm	Ø 0.8 mm	Ø 1.0 mm
Jacket's material	HDPE	HDPE	HDPE	HDPE
Loose tube diameter (mm)	1.2 mm	1.2 mm	1.8 mm	2.8 mm
Loose tube material	PBT	PBT	PBT	PBT
Loose tube color	Natural	Natural	Natural	Natural
Fiber type	G.657.A1/A2 or G.652.D			
Cable dimension (mm)	3.8(±0.1)	3.8(±0.1)	4.7(±0.1)	6.0(±0.1)
Tensile strength (N)	600	1000	1400	3000

DOUBLE SHEATH FIBER OPTIC CABLE, ROUND TYPE. 1, 2, 4 CORES

REINFORCED BY ARAMID YARN AND FRP ROODS FOR INDOOR & OUTDOOR DEPLOYMENT

Cable Description

Applications

Applied outdoor, for installation on the telecommunication supports, between the buildings and industrial constructions.

Applied indoor, for cable tray distribution networks of fiber optics. It is allowed to lay cable on the outdoor facade of a building.

Features

- Perfect for outdoor distribution networks of fiber optics
- High connecting usability, easy access to the fiber core
- Full dielectric design
- High flexibility design
- Fiber redundant protection (Up to request)
- UV radiation protection
- Appropriate tensile performance
- Appropriate crushing load
- Minimum dimension and weight of drop cable

Technical Data

Item	Value (N)		
	1 fiber	**2 fibers**	**4 fibers**
Messenger type	Aramid yarn/ Polyester yarn	Aramid yarn/ Polyester yarn	Aramid yarn/ Polyester yarn
Outer cable jacket material	MDPE	MDPE	MDPE
Inner cable jacket material	LSZH	LSZH	LSZH
Reinforcement material and diameter	FRP Ø0.50 mm	FRP Ø0.50 mm	FRP Ø0.50 mm
Fiber type		G.657.A1/A2 or G.652.D	
Outer cable dimension (mm)	Ø5.0 (±0.1)	Ø5.0 (±0.1)	Ø5.0 (±0.1)
Inner cable dimension(mm)	2.0×3.0 (±0.1)	2.0×3.0 (±0.1)	2.0×3.0 (±0.1)
Tensile strength (N)	300	300	300

MULTI TUBE ADSS FIBER OPTIC CABLE ROUND TYPE.12, 24,48,72,96,144 CORES

REINFORCED BY ARAMID YARN AND FRP ROODS FOR OUTDOOR DEPLOYMENT

Cable Description

Applications

Applied outdoor, for installation on the telecommunication supports, between the buildings and industrial constructions.

Features

High connecting usability, easy access to the fiber core

Full dielectric design

UV radiation protection

Appropriate tensile performance

Appropriate crushing load

Minimum dimension and weight of drop cable

Technical Data

Item	Value		
Fibers	12/24/48/72	96	144
Messenger type	FRP Ø2.0 mm	FRP Ø2.0 mm	FRP Ø2.0 mm
Outer cable jacket material	MDPE	MDPE	MDPE
Loose tube material, diameter	PBT 1.8mm	PBT 1.8mm	PBT 1.8mm
Reinforcement material	Aramid yarn	Aramid yarn	Aramid yarn
Fiber type		G.652.D/G.657.A1	
Outer cable dimension (mm)	Ø10.7 (±0.1)	Ø11.6 (±0.1)	Ø13.6 (±0.1)
Min Tensile strength (N)	4000	4000	4000

DOUBLE SHEATH FIBER OPTIC CABLE, ROUND TYPE. 1, 2, 4 CORES

REINFORCED BY ARAMID YARN FOR OUTDOOR(AERIAL) DEPLOYMENT

Cable Description

Applications

Applied outdoor, for installation on the telecommunication supports, between the buildings and industrial constructions.

Applied indoor, for cable tray distribution networks of fiber optics. It is allowed to lay cable on the outdoor facade of a building.

Features

- Perfect for outdoor distribution networks of fiber optics
- High connecting usability, easy access to the fiber core
- Reliability. Reinforced by steel strength member
- High flexibility design
- Fiber redundant protection (Up to request)
- UV radiation protection
- Appropriate tensile performance
- Appropriate crushing load
- Minimum dimension and weight of drop cable

Technical Data

Item	Value (N)		
	1 fiber	2 fibers	4 fibers
Messenger type	Aramid yarn	Aramid yarn	Aramid yarn
Outer cable jacket material	LSZH	LSZH	LSZH
Inner cable jacket material	LSZH	LSZH	LSZH
Tight buffer material and diameter	PVC, 0.9 mm	PVC, 0.9 mm	PVC, 0.9 mm
Fiber type	G.657.A1/A2 or G.652.D		
Outer cable dimension(mm)	4.6 (±0.1)	4.6 (±0.1)	4.6 (±0.1)
Inner cable dimension(mm)	3.6 (±0.1)	3.6 (±0.1)	3.6 (±0.1)
Tensile strength (N)	800	800	800

FIBER CABLE DISTRIBUTION BOXES & SPLICE CLOSURES

KEY FEATURES:

- COMPLY TO INTERNATIONAL STANDARDS ROHS, CE
- FIBER BOXES FOR INDOOR AND OUTDOOR APPLICATION.
- EASY INSTALLATION SPEED OF FTTX NETWORK DEPLOYMENT.
- OUTDOOR BOXES HAVE IP68 PROTECTION LEVEL.
- UV RESISTANT INDUSTRIAL POLYMER, DURABLE.

OUTDOOR FIBER OPTIC DISTRIBUTION BOX

JERA LINE

Product information

FODB-8.6 mini

FODB-8H

FODB-16H

FODB-17H

Key advantage

FOR OUTDOOR

IP 68

SOFT RUBBER SEALING

CONVENIENT SPLICING

PLUG & PLAY

SAVE DEPLOYMENT COST

Technical specification:

Product code	FODB-8.6 mini	FODB-8H	FODB-16H	FODB-17H
Feeding cable dimension (mm)	2 of Ø3-14	2 of Ø3-12	2 ofØ5-14	2 ofØ5-14 and transit of Ø5-12
Drop cable dimension (mm)	8 of Ø2-3	8 of Ø2-3	16 of Ø2-3	16 of Ø2-3
Max fiber splicing capacity	12(24*)	14(28*) +additional 6(12*)	24(48*)bottom tray 16(32*)upper tray	16-96 upon model
Adapters, SC type	8	8+2	16+2	16
Blockless PLC splitters 60×7×4mm	1 of 1:8 or 2 of 1:4	1 of 1:8 or 2 of 1:4	1 of 1:16 or 2 of 1:8	1 of 1:16 or 2 of 1:8
Cassette PLC splitters C1 128×100×25mm	-	1 of 1:8	-	1 of 1:16
Overall dimensions (mm)	235×161×50	271×237×77	271×237×77	271x237x95

* TWO LAYERS FOR STORAGE OF FIBER SPLICING

Product information

FODB-4A

FODB-8A

FODB-16X

FODB-24A

Key advantage

COMMON DESIGN

LOW COST FTTH

IP 53

Technical specification:

Product code	FODB-4A	FODB-8A	FODB-16X	FODB-24A
Feeding cable dimension (mm)	1 of Ø6-12.5, 1 of Ø8-14	3 of Ø17	2 of Ø17	2 of Ø17
Drop cable dimension (mm)	-	8 of Ø3, 1 of Ø10	16 of Ø3	16 of Ø3
Max fiber splicing capacity	12	8(16*)	16	16
Adapters, SC type	4	10+2	16	16
Blockless PLC splitters 60×7×4mm	-	1 of 1:8 or 2 of 1:4	1 of 1:8 or 2 of 1:4	1 of 1:8 or 2 of 1:4
Cassette PLC splitters C1 128×100×25mm	-	1 of 1:8	-	-
Overall dimensions (mm)	209×128×44	210×195×55	320×260×90	320×260×90

* TWO LAYERS FOR STORAGE OF FIBER SPLICING

Product information

FOSC-2D

FOSC-2A

FOSC-3

FOSC-4

Key advantage

FOR OUTDOOR

CONVENIENT SPLICING

SAVE DEPLOYMENT COST

Technical specification:

Product code	FOSC-2D	FOSC-2A	FOSC-3	FOSC-4
Round cable dimensions, mm	3 of Ø8-16	2 of Ø8-17, 2 of Ø8-12	4 of Ø8-16	4 of Ø4-20
Oval cable dimensions, mm	1 of 30-48mm	1 of 32×56	1 of 25×40	1 of 25x44
Drop cable dimentions, mm	-	8 of Ø2-4	-	-
Max splicing capacity	32 (64*)	16 (32*)	120	72 (144*)
Max splicing capacity per tray	8 (16*)	8 (16*)	24	12 (24*)
Adapters, SC type	-	8+2	-	-
PLC splitters , blockless 60x7x4 mm	1 of 1:8 or 2 of 1:4	1 of 1:8 or 2 of 1:4	-	-
IP protection	68	63	68	68
Overall dimensions, mm	300×180×130	320×180×180	435×180×160	413x220

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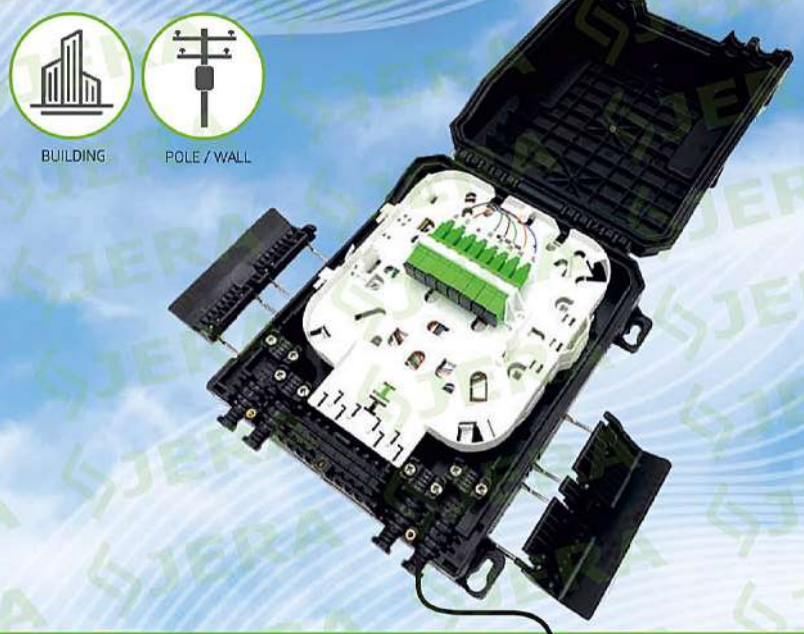
* TWO LAYERS FOR STORAGE OF FIBER SPLICING TUBES

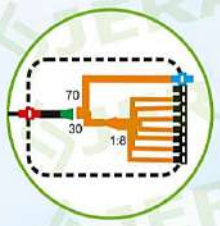
FIBER ACCES TERMINALS



BUILDING

POLE / WALL

POLE / WALL



HOUSE

Product information

FAT-8M

FAT-12M

FAT-16M

Key advantage

FOR OUTDOOR

IP 68

PLUG & PLAY

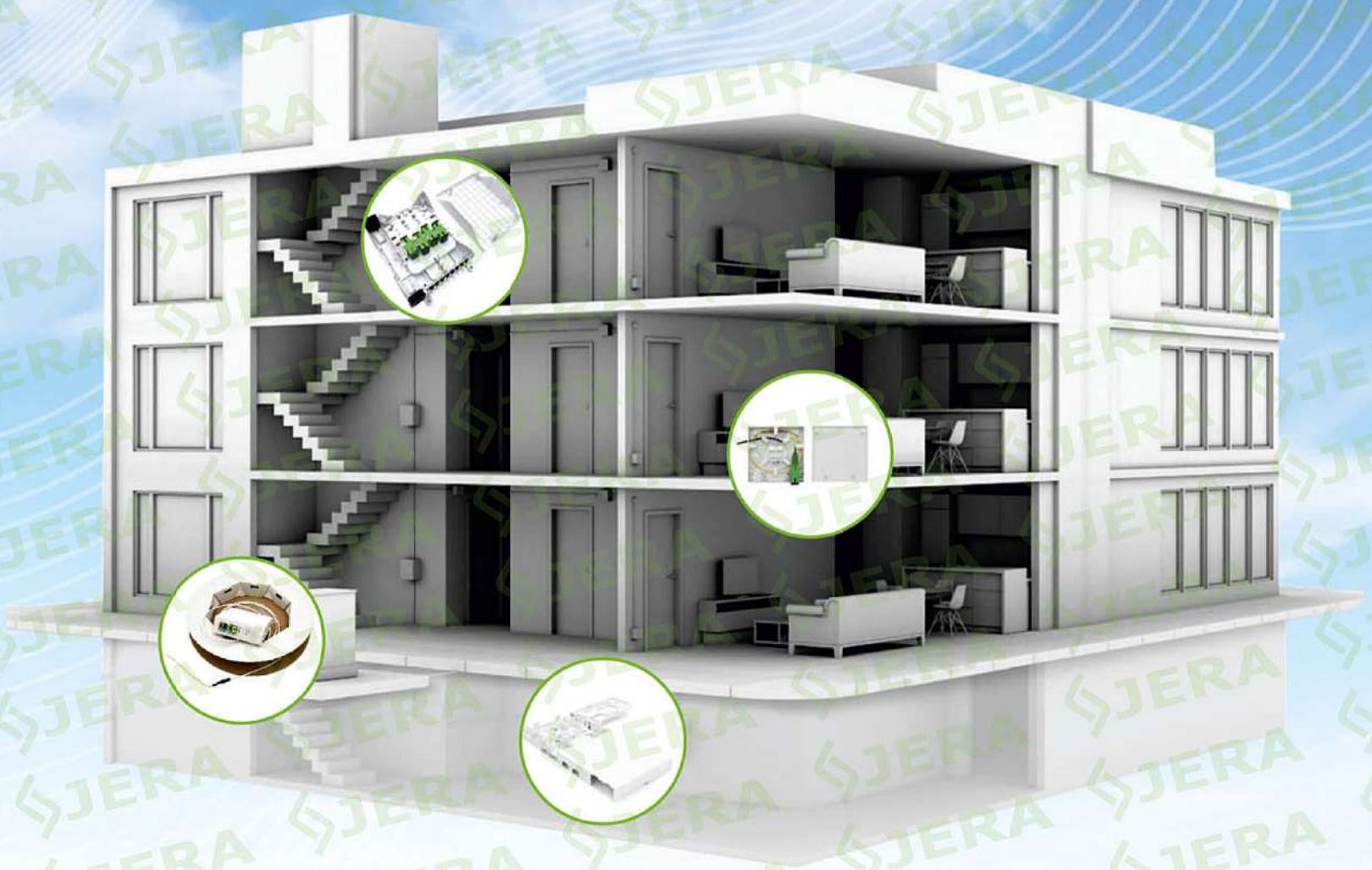
SAVE DEPLOYMENT COST

Technical specification:

Product code	FAT-8M	FAT-12M	FAT-16M
Total ports	11	12	18
Feeding cable	Mini SC	Hardened SC	Mini SC
Drop cable	8+1	11+1	16+1
Max fiber splicing capacity	2	2	2
Adapters, type	Mini SC	Hardened SC	Mini SC
Blockless PLC splitters 60×7×4mm	1:2 FBT(70:30 or customized) + 1:8 PLC	1:2 FBT(70:30 or customized) + 1:8 PLC	1:2 FBT(70:30 or customized) + 1:8 PLC 2X1:8 PLC+1X1:16 PLC
Overall dimensions (mm)	195×195×50		230*230*110

* TWO LAYERS FOR STORAGE OF FIBER SPLICING

INTERFLOOR BOXES AND ACCESS TERMINALS



KEY FEATURES:

- FACTORY PRE TERMINATED
- HIGH QUALITY OF CONNECTION
- SAVE DEPOYMENT COSTS

Product information

ATB-1

ATB-2

ODP-02 (1)

TRANSPARENT DROP PATCHCORD

ODP-05T

FODB-8R

Key advantage

SAVE DEPLOYMENT SPEED

100% QUALITY

SAVE DEPLOYMENT COST

Technical specification:

Product code	ATB-1	ATB-2	ODP-02(1)	ODP-05	FODB-8R
Drop cables quantity	1	1	1	3	8
Input and cable diameters	4 of 0.9 mm	3 of 0.5 mm	1×Ø3mm, 3×2mm	1×Ø3mm	2×Ø<14mm, 8×Ø2-3mm
Dimensions, mm	93×83×30	100×100×20	86×86×22	76×76	126×150×5
Adaptors SC	1	2	2	2	8+2
Blockless PLC SC Splitters 60×7×4mm	-	-	-	-	1×1*8, 2×1*4

MEDIUM & LONG SPAN CLAMPS

KEY FEATURES:

- COMPLY TO INTERNATIONAL STANDARDS.
- PRODUCT GUARANTEE, CONSIDERED AS TOOL FOR CABLE.
- EASY TO USE WITHOUT DAMAGING OF FIBER OPTIC CABLES.
- UV RESISTANT INDUSTRIAL POLYMER, DURABLE.

ADSS, FIG-8 TYPE CABLE CLAMPS

JERA LINE

Product information:

ADSS anchor and suspension clamps used to tension and support ADSS fiber optic cable during outdoor FTTx network line deployment.

Technical specification:

Product code		Cable size, mm*	MBL, kN*	Materials
PA-100		Ø 3 – 5	2.0	UV resistant plastic
PA-260		Ø 3 – 8	1.5	UV resistant plastic
PA-500		Ø 4 – 8	2.0	UV resistant plastic, stainless steel, aluminium
PA-560		Ø 3 – 8	1.5	UV resistant plastic, stainless steel, aluminium
PA-700		Ø 6 – 10		
PA-701		Ø 8 – 12	3.0	UV resistant plastic, stainless steel, aluminium
PA-702		Ø 10 – 14		
PA-3000		Ø 8 – 12		
PA-3001		Ø 12 – 16		
PA-3002		Ø 14 – 18	8.0	UV resistant plastic, stainless steel, aluminium
PA-3003		Ø 8 – 15		
PA-3603		Ø 8 – 15	7.0	UV resistant plastic, stainless steel, aluminium
PA-800		Ø 7 – 12	8.0	UV resistant plastic, stainless steel, aluminium
PA-1000		Ø 8 – 14	10.0	UV resistant plastic, stainless steel, aluminium

* APPLICATION SIZE & TENSILE STRENGTH MAYBE CUSTOMIZED PER YOUR CABLE OR PROJECT REQUIREMENT.

ADSS, FIG-8 TYPE CABLE CLAMPS

JERA LINE

Technical specification:

Product code		Cable size, mm*	MBL, kN*	Materials
SSM		Ø 8 – 20	3.0	UV resistant plastic
D8		Ø 8 – 12	1.5	UV resistant plastic galvanized steel
HC 5-8		Ø 5 – 8	4.0	UV resistant plastic, galvanized steel
HC 8-15		Ø 8 – 15		
HC 15-20		Ø 15 – 20		
HCT		Ø 5 – 8 Ø 8 – 12 Ø 12 – 15	5.0	Hot dip galvinized steel
HC 2x8-15		Ø 8 – 15	4.0	UV resistant plastic, galvanized steel
HC 2×15-20		Ø 15 – 20		
PS-619		Ø 6 – 19	3.0	Galvanized steel, nylon
ES-500		Ø 4 – 11	4.5	UV resistant plastic

* MATERIALS MAY BE CUSTOMIZED PER YOUR PROJECT REQUIREMENT.

ADSS, FIG-8 TYPE CABLE CLAMPS

JERA LINE

Product information:

Figure-8 anchor and suspension clamps used to tension and support figure-8 fiber optic cable of different diameter and messenger's types during outdoor FTTx network line deployment.

Technical specification:

Product code		Messenger's material	Diameter of wire over the insulation*	MBL, kN*	Materials
PA-09			Ø 2.9-3.6	5,0	Stainless steel, aluminium
PA-37		FRP	Ø 3 – 7	2,0	Stainless steel, UV resistant plastic, aluminium
PA-610			Ø 6 – 10		
PA-05		Steel	Ø 3 – 5	2,0	Stainless steel, UV resistant plastic, aluminium, zink
PA-06		Steel	Ø 3 – 6	3,0	Stainless steel, UV resistant plastic, aluminium, zink
PA-07			Ø 3 – 7	5,0	
PA-07x320		Steel	Ø 4 – 7	7,0	Stainless steel, UV resistant plastic, aluminium, zink
PA-10x320		Steel	Ø 5 – 10	16,0	Stainless steel, UV resistant plastic, aluminium, zink
SSA			Ø 4 – 5 / 5 – 9	8,0	Galvanized steel, UV resistant plastic
SSA-1			Ø 4 – 5 / 5 – 9	8,0	Galvanized steel, UV resistant plastic
CS			Ø 4 – 5 / 5 – 9	8,0	Galvanized steel, UV resistant plastic
D1			Ø 4 – 7	0,5	Galvanized steel, alluminium

*APPLICATION SIZE & TENSILE STRENGTH MAYBE CUSTOMIZED PER YOUR CABLE OR PROJECT REQUIREMENT.

Product information

Technical specification:

Product code	Thimble, may be applied on tension load	Working load of cable (breaking load), kN	ADSS cable size, mm	Color code	Wire configuration	Length, mm	Weight, kg
JS	No Thimble U - 42 (Plastic)	1 (2) 2 (3.5)	5.0/5.6 5.7/6.5 6.6/7.4 7.5/8.4 8.5/9.4 9.5/10.5 10.6/11.6 11.7/12.8 12.9/14.1 14.2/15.6 15.7/17.3 17.4/19.1 19.2/20.9 21/22.8	red yellow black orange brown white blue green red yellow black orange brown white	Specified in accordance to cable working load		
	TC - 22 (Steel)	4 (7) 6 (10)					

Product information

Technical specification:

Product code	Thimble, may be applied on tension load	Span, m *	ADSS cable size, mm	Color code	Wire configuration	Length, mm	Weight, kg
JS-X	No Thimble TR – 01	50/100	5.0/5.6 5.7/6.5 6.6/7.4 7.5/8.4 8.5/9.4 9.5/10.5 10.6/11.6 11.7/12.8 12.9/14.1 14.2/15.6 15.7/17.3 17.4/19.1 19.2/20.9 21/22.8	red yellow black orange brown white blue green red yellow black orange brown white	Specified in accordance to cable working load		

* SPANS OR DIAMETERS MAY BE NOT METIONED, CAN BE DISCUSSED WITH SALES.

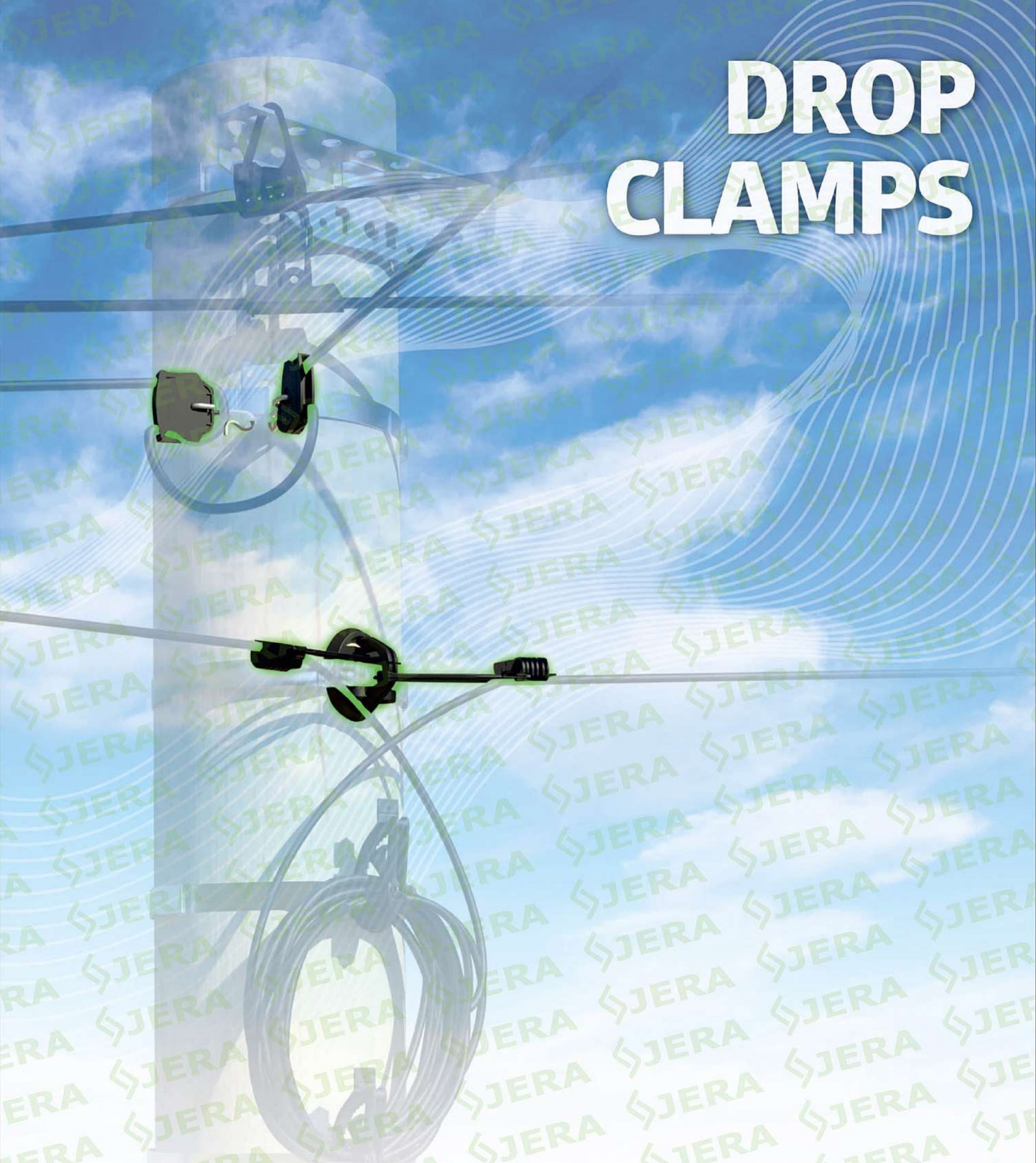
POLE BRACKETS AND HOOKS

JERA LINE

Product code		MBL, kN	Materials*
UPB		F1 – 5, F2 – 3,5, F3 – 9, F4 – 2, F5 – 5	Aluminium
UPC		15	Aluminium
PS-1000		10	Aluminium
ES-1500		8	Aluminium
CA-1500		8	Aluminium
CA-1000.1		15	Aluminium alloy
CA-1500.1		20	Aluminium alloy
YKR-01		8	Hot dia galvanized steel
YKP-32		15	Galvanized steel
YK-42×400		15	Hot dia galvanized steel
B-16-300-140		10	Hot dia galvanized steel
B-14-230-140		7	Hot dia galvanized steel
PB-12-350		7	Galvanized steel
PS-8		1	Galvanized steel
YK-450		Depend on angle	Fiber-glass(FRP), Aluminium, Galvanized steel

* MATERIALS MAY BE CUSTOMIZED PER YOUR PROJECT REQUIREMENT.

DROP CLAMPS



KEY FEATURES:

- SUITABLE FOR DIFFERENT TYPES OF FIBER CABLES
- DO NOT DAMAGE THE CORRESPONDING CABLE
- SUITABLE FOR DIVERSE POLE/WALL MOUNTS AND HOOK

ODWAC-TYPE CLAMPS

Features

1. Suitable for different types of fiber cables

3 types of shims to secure and do not damage the corresponding cable.

2 types of shells to match the corresponding cable's size.

2. Suitable for diverse pole/wall mounts and hooks

Horizontal, vertical, open wire bail, close wire bail mounting hooks applications.

3. Cable's jacket no damage and protection

Protect cables by exactly choose shim./The burrs at the outside the cables area.

4. Two materials are available

Insulating plastic material.

Stainless steel, no rust.

5. More stronger tension

The area of the three holes is wider, and the attaching area is bigger.

The shim is thicker, harder to deform during pulling of cable.

The shell's back side is wider, the ribs are bigger.

ODWAC-TYPE CLAMPS

Technical specification:





Product code	ODWAC-22	ODWAC-22B	ODWAC-22E	ODWAC-22P	ODWAC-22S
Cable size, mm	2×3 2×5	4×8 4.5×10	4.5×10	2×3	2×3 2×5
MBL, kN	1.5	1.5	1.2	1	0.5
Materials	Stainless steel	Stainless steel	Stainless steel with electrophoretic paint	Stainless steel, UV resistant plastic	Stainless steel

Technical specification:





Product code	ODWAC-22Y	ODWAC-22H	ODWAC-23	ODWAC-26	ODWAC-PY
Cable size, mm	2×3 2×5	2×3 2×5	Ø 3 – 6,	2×3 2×5	2×3 2×5
MBL, kN	1	0.5	Depend on cable	2	0.5
Materials	Stainless steel UV resistant plastic	Stainless steel UV resistant plastic	Stainless steel	Stainless steel	UV resistant plastic

Technical specification:




Product code	ODWAC-PH	ODWAC-I	ODWAC-L	ODWAC-H15
Cable size, mm	2×3 2×5	Ø 4 – 7,	2×3 2×5	2×5 Ø 2 – 4,
MBL, kN	0.5	Depend on cable	1	0.5
Materials	UV resistant plastic	UV resistant plastic	Dacro steel	UV resistant plastic, galvinized steel

LAST MILE DROP CLAMPS & BRACKETS

JERA LINE

Product code		Cable size, mm*	MBL, kN*	Materials
D2.0		Ø 2 – 5, 2 × (3 – 5)	0.5	UV resistant plastic, galvinized steel
D2.M		Ø 2 – 5, 2 × (3 – 5)	0.5	UV resistant plastic, galvinized steel
D-4		Ø 2 – 3, <4 × <8	0.5	UV resistant plastic
FISH–1		Ø 2.5 – 5 2 × 3	Depend on cable	UV resistant plastic
FISH–2		Ø 2 – 5, 2 × 3	1	UV resistant plastic
FISH-34/35		Ø 3 – 4 Ø 4 – 5	Depend on cable	UV resistant plastic
FISH-5		Ø 4 – 6	Depend on cable	UV resistant plastic
ACC		Ø 2 – 6	1	UV resistant plastic
D6		Ø 4 – 8	0.5	UV resistant plastic
PS-M		Ø 4 – 6	Depend on cable	UV resistant plastic
D5		Ø 2 – 5, 2 × (3 – 5)	1	UV resistant plastic

*MATERIALS & TENSILE STRENGTH MAYBE CUSTOMIZED PER YOUR CABLE OR PROJECT REQUIREMENT.

BRACKETS & HOOKS FOR DROP CABLE CLAMPS

JERA LINE

Product information:

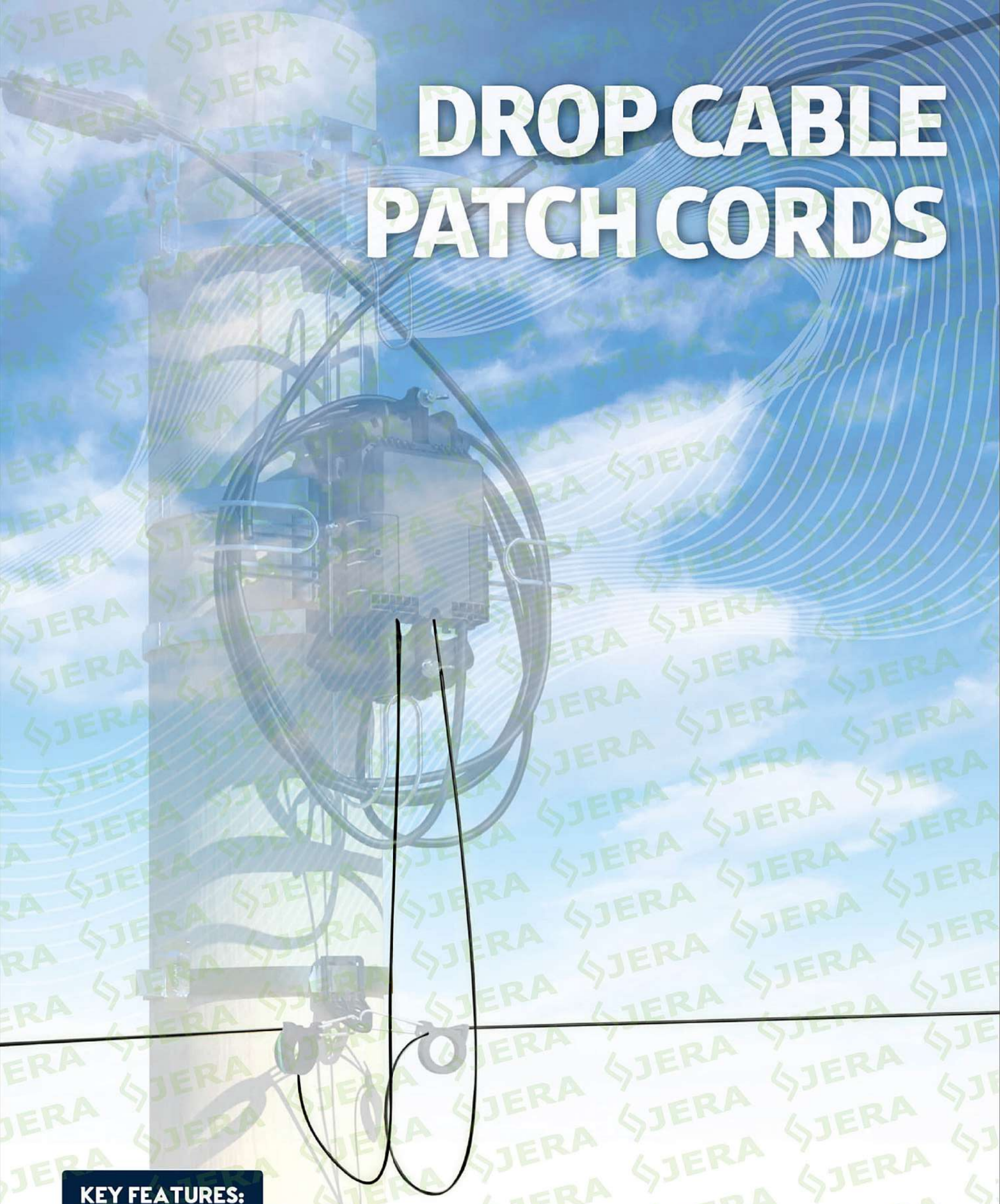
Drop brackets and hooks used together with drop cable clamps, used to tension fiber optic drop cable in last mile FTTH line deployment.

Technical specification:

Product code		MBL, kN	Materials*
YK-01		1.5	Galvanized steel
YK-02		1	Galvanized steel
YK-05		1	Stainless steel
YK-06		2	Galvanized steel
YK-07		1.0/1.5	UV Resitant plastic
YK-13		1	Hot dip galvinized steel
YK-18		0.5	UV Resitant plastic
DWR-01		–	Galvanized steel
PS-6		1	Galvanized steel
YK-11		–	Galvanized steel
YK-14		4	Hop dia galvanized steel, stainless steel belt

* MATERIALS MAY BE CUSTOMIZED PER YOUR PROJECT REQUIREMENT.

DROP CABLE PATCH CORDS



KEY FEATURES:

- COMPLY TO INTRNATIONAL STANDARDS ROHC, CE, IEC-60794-1-21.
- DIFFERENT CABLE LENGTH.
- PLUG AND PLAY .
- HIGH FLEXIBILITY DESIGN.

HARDENED SC CONNECTOR

Technical specification:

Product code	Hardened	Mini Hardened
Fiber capacity	-	1-2
Fiber cores	G657A1, G657A2	G657A1, G657A2
Polish types	SC,APC	LC,APC
Length, M	Customized	Customized
Cable size, mm	Depend on cable	Depend on cable
Insertion losses (IL), dB	≤0.1	≤0.1
Working temperature	-50-+85°C	-50-+85°C

OUTDOOR ROUND DROP CABLE PATCHCORDS

Technical specification:

Fiber capacity	1-12
Fiber cores	G652D, G657A1, G657A2
Polish types	UPC, APC
Length, M	10-1000
Cable size, mm	Depend on cable
Insertion losses (IL), dB	≤0.1
Working temperature	-50-+85°C

OUTDOOR FIG 8 DROP CABLE PATCHCORDS

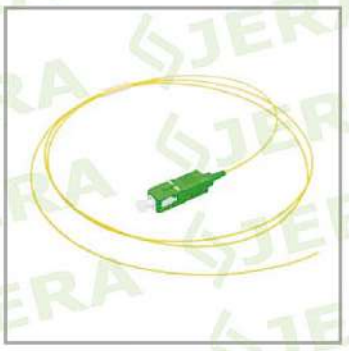
Technical specification:

Fiber capacity	1, 2, 4, 6
Fiber cores	G652D, G657A1, G657A2
Polish types	UPC, APC
Length, M	10-1000
Cable size, mm	2.0×5.2
Insertion losses (IL), dB	≤0.1
Working temperature	-50-+85°C

INDOOR DROP CABLE PATCHCORDS

Technical specification:

Fiber capacity	1, 2 4
Fiber cores	G652D, G657A1, G657A2
Polish types	UPC, APC
Length, M	10-1000
Cable size, mm	2.0×3.0
Insertion losses (IL), dB	≤0.1
Working temperature	-50-+85°C



DISTRIBUTION PIGTAILS

Technical specification:

Product code	SC	FC	LC
Polish types	UPC, APC	UPC, APC	UPC, APC
Fiber cores	G652D, G657A1, G657A2		
Cable OD & jacket Mateials	0.9 mm, PVC	0.9 mm, PVC	0.9 mm, PVC
Insertion losses (IL), dB	≤0.1	≤0.1	≤0.1
Working temperature	-40-+85°C	-40-+85°C	-40-+85°C

HARDENED ADAPTERS

Technical specification:

Product code	Hardened	Mini Hardened
Polish types	SC, LC	SC
Fiber counts	Simplex	Simplex
Insertion losses (IL), dB	≤0.3	≤0.3
Working temperature	-40-+85℃	-40-+85℃

ADAPTERS

Technical specification:

Product code	SC
Polish types	UPC, APC
Fiber counts	Simplex, duplex
Insertion losses (IL), dB	≤0.3
Working temperature	-40-+85℃

FAST CONNECTORS

Technical specification:

Product code	SC/APC-F	SC/UPC-F
Polish types	APC	UPC
Fiber counts	Simplex	Simplex
Insertion losses (IL), dB	≤0.3	≤0.3
Working temperature	-40-+85℃	-40-+85℃

BLOCKLESS PLC SPLITTER

Technical specification:

Product code	1×2	1×4	1×8	1×16	1×32	1×64
Head types	SC/APC, SC/UPC					
Fiber cores	G652D, G657A1, G657A2					
Operating wavelength (nm)	1260-1650					
Length, M	0.5-2					
Working temperature	-40-+85℃					
Standard	Telcordia GR-1209-CORE and GR-1221-CORE					

CASSETTE PLC SPLITTER C1 TYPE

Technical specification:

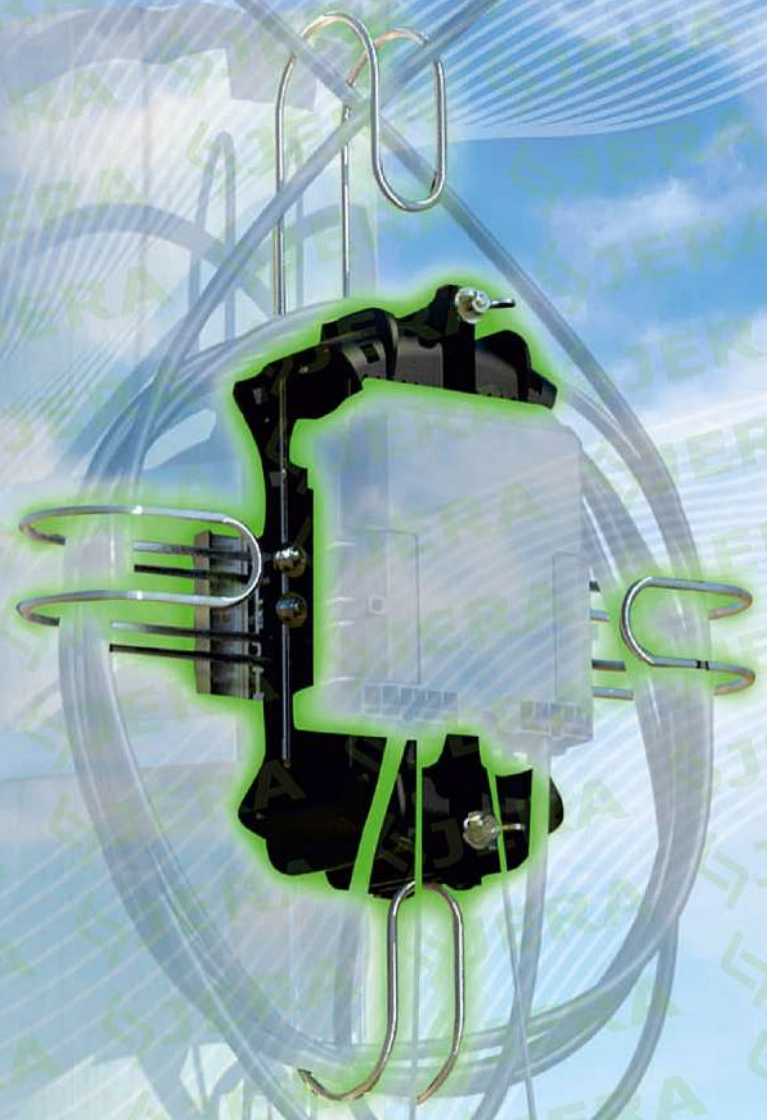
Product code	1×4	1×8
Head types	UPC, APC	UPC, APC
Fiber cores	G652D, G657A1, G657A2	
Operating wavelength (nm)	1260-1650	
Cassette dimensions, mm	72×82×12.5	72×82×22
Working temperature	-40-+85℃	
Standard	Telcordia GR-1209-CORE and GR-1221-CORE	

CASSETTE PLC SPLITTER C2 TYPE

Technical specification:

Product code	1×2	1×4	1×8	1×16	1×32	1×64
Head types	SC/APC, SC/UPC					
Fiber cores	G652D, G657A1, G657A2					
Operating wavelength (nm)	1260-1650					
Cassette dimensions, mm	128×100×25			128×100×50	128×100×100	
Working temperature	-40-+85℃					
Standard	Telcordia GR-1209-CORE and GR-1221-CORE					

CABLE SLACK STORAGES



KEY FEATURES:

- PROMPT INSTALLATION
- EXACT MODEL FOR YOUR CABLE'S LENGTH
- UV AND CORROSION RESISTANT

Product information

YK-S1(one)

YK-S

YK-X

YK-SF

YK-3060

Key advantage

FOR OUTDOOR

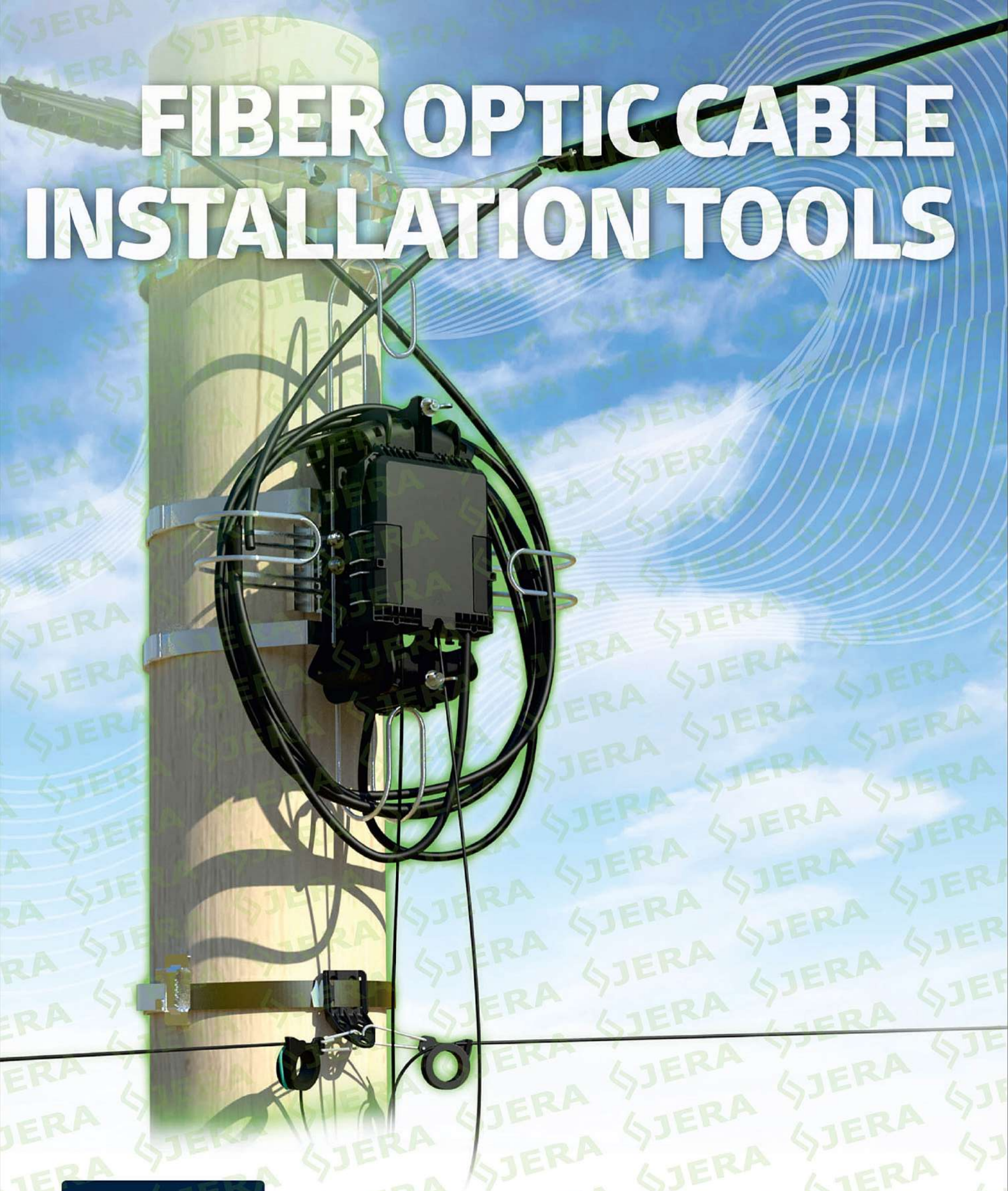
QUICK INSTALLATION

SAVE DEPLOYMENT COST

Technical specification:

Product code	YK-S1(one)	YK-S	YK-X	YK-SF	YK-3060
Adjustable to cable's size	Yes	Yes	Yes	No	Yes
Cable storing diameter, mm	50-900	200-450	200-450	400	300-600 500-900
Materials	UV resistant palstic	UV resistant palstic	UV resistant palstic	UV resistant palstic	Stainless steel

FIBER OPTIC CABLE INSTALLATION TOOLS



KEY FEATURES:

- SIMPLE DESIGN, EASY TO USE.
- MADE OF HIGH QUALITY GALVANIZED STEEL, STAINLESS STEEL, WEATHER RESISTANT PLASTIC.
- PROVIDE QUICK AND EASY WAY FOR FIBER OPTIC CABLE DEPLOYMENT.

FIBER OPTIC CABLE ARAMID YARNS SCISSORS

Product information:

Fiber cable aramid yarns scissors is an ideal tool designed to cable's aramid yarn or fiberglass yarn for the construction and maintenance of fiber optic projects.

Technical specification:

Product code	**FOC-TS**
Material	stainless steel, PP+rubber

FIBER OPTIC CABLE STRIPPER

Product information:

Fiber optic stripper is a reliable and economical FTTH plier tools for peeling fiber jacket and fiber buffer during FTTH deployments.

Technical specification:

Product code	**CFS-2A**
Big notch diameter	1mm
Peeling coating range	125-250μm

FTTH FIBER OPTIC TOOL KITS

Product information:

FTTH fiber optic tool kits is a integration solution for FTTH quick connect constructions which includes ptical power meter, Pen visual fault locator, Fiber cleaver, Miller pliers, Drop cable stripper, Optical fiber length fixer, Carry bag, alcohol bottle.

FIBER CORE HEAT SHRINK TUBE

Product information:

Optical fiber heat shrink sleeve either called fusion splice protection sleeve is used as a protection tubing, which is widely used in optical communication equipment to protect fiber core after splicing.

Technical specification:

Product code	**RGS-TM-40**
Working temperature	-45 ~ 110°C
Shrinking temperature range	120°C

COLD SHRINK TUBES

Product information:

Cold shrink tubes is a supercharged rubber sleeve that is pre expended over an inner breakaway reinforced by ripcord, used to to protect communication cables and connectors.

Technical specification:

Product code	**CST-20x110**	**CST-25x110**	**CST-28x110**	**CST-44x135**
Application diameters, mm	7-20	8.5-25	9.5-28	15-44
Length, mm	110	110	110	135
Shrink ration	3 to 1	3 to 1	3 to 1	3 to 1

CABLE PULLING SOCKS

Product information:

Overhead pulling cable grip is used for pulling of the insulated conductor, for ropes and cable with neutral messenger.

Technical specification:

Product code	SP-6-12-300	SP-12-18-600	SP-18-25-600
MBL, kN	10	12	15
Cable diameter, mm	6-12	12-18	18-25
Length, mm	300	600	600

STRINGING BLOCKS (PULLEY)

Product information:

Overhead stringing block (pulley) is used for pulling of the insulated aerial conductor or ropes.

Technical specification:

Product code	MT 26-50-30
MBL, kN	20
Material	Nylon
Weight, kg	1.5

COME-ALONGS

Product information:

Stringing overhead come-along is used for pulling conductors by manual or machine force.

Technical specification:

Product code	C - 422
MBL, kN	20
Cable size, mm	Ø 4 – 22

SWIVEL

Product information:

Swivel shackle is used with pulling socks to eliminate any twisting of conductor.

Technical specification:

Product code	SW-15
MBL, kN	15
Cable size, mm	Ø 12
Dimensions, mm	12, 87, 33, 29, 12, 113

LEVER HOISTS

Product information:

Stringing lever hoist is a lever operated manual device used to lift, lower, or pull a load and to apply or release tension.

Technical specification:

Product code		LH-20
Pulling force, ton	Without block	1.5
	With block	3.0
Cable length, mm	Without block	3.0
	With block	1.6

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