

**FIBER OPTIC CABLES,
CLAMPS, BOXES FOR
OUTDOOR & 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 highest 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 covers necessity
FTTH solution, Full container by
cables, clamp and boxes



GLOBAL EXPERIENCE

Global experience,
we produce for more than
30 countries



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 inspection or new product development.

PRODUCTION FACILITY



Fiber optic cable workshop

Plastic molding workshop

CNC metals 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

Corrosion aging test

Fire resistance test



CATALOG'S CONTENT

FIBER OPTIC CABLES

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CABLE BOXES & ACCESS TERMINALS

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DROP CABLE PATCH CORDS

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CABLE STORAGE BRACKETS

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STAINLESS STEEL BANDINGS

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FIBER OPTIC CABLE INSTALLATION TOOL

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DROP & SHORT SPAN CABLE CLAMPS

page 27

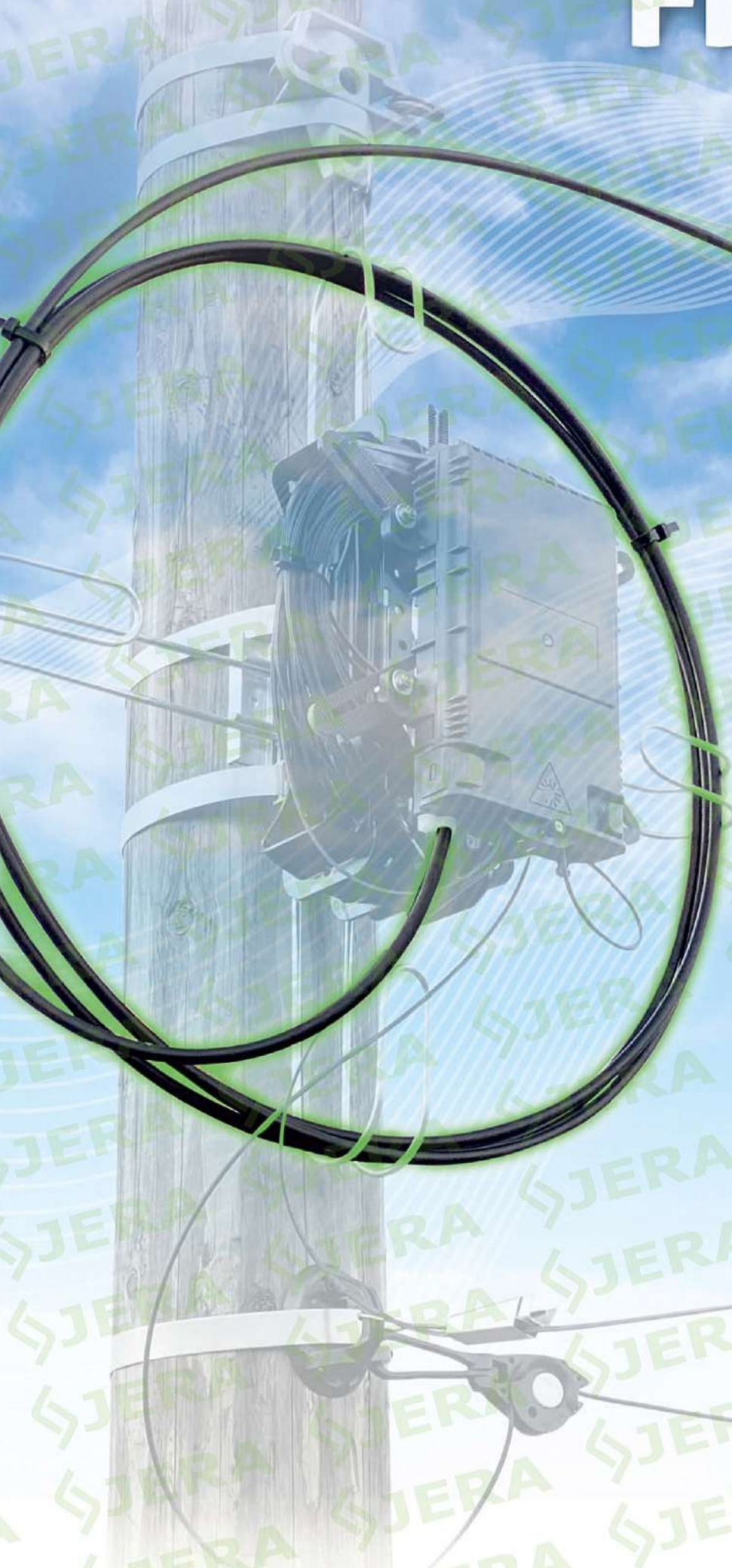


MEDIUM & LONG SPAN CABLE CLAMPS

page 21



FIBER OPTIC CABLES



KEY FEATURES:

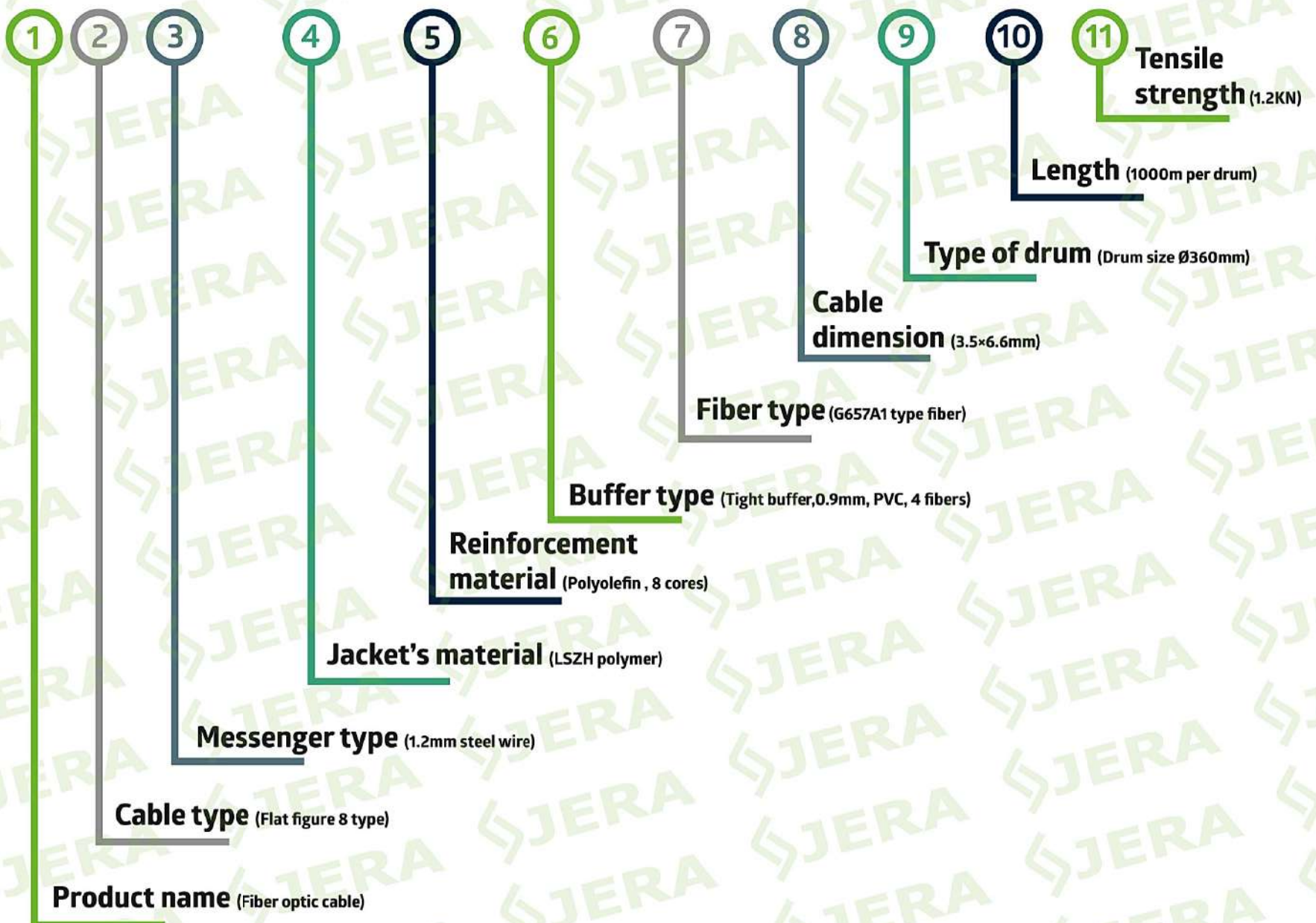
- COMPLY TO INTERNATIONAL STANDARDS CPR, ROHS, CE, IEC-60794-1-21.
- APPLIED AS LAST MILE IN FTTX NETWORK DEPLOYMENT.
- HIGH CONNECTING USABILITY, EASY ACCESS TO THE FIBER CORE.
- FLEXIBLE AND DURABLE, STABLE ENVIRONMENT STABILITY.



FIBER OPTIC CABLE NAME CODING

EXAMPLE:

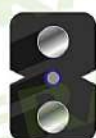
FOC-Fr8-1.2-Steel-LSZH(BD)+8xPF-4x0.9*PVC-1x657A1-3.5x6.6-PM-360-1000m-1.2KN





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


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


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

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



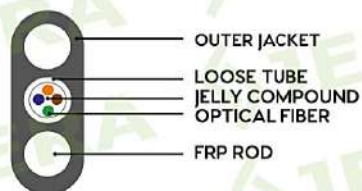
Minimum dimension and weight of drop cable

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.



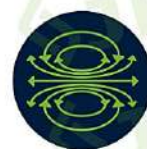
Applied indoor, for cable tray distribution networks of fiber optics. It is allowed to lay cable on the outdoor facade of a building.

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



OUTER JACKET
ADDITIONAL STRENGTH MEMBER
OPTICAL FIBER
JELLY COMPOUND
LOOSE TUBE



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
-  High flexibility design
-  Fiber redundant protection (Up to request)
-  UV radiation protection
-  Appropriate tensile performance
-  Appropriate crushing load
-  Full dielectric design
-  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 RODS 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



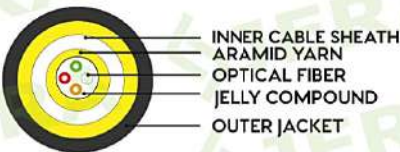
Minimum dimension and weight of drop cable

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

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



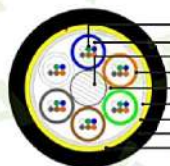
Minimum dimension and weight of drop cable

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


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

 FIBER
 GEL
 G-FRP
 LOOSE TUBE
 WATER BLOCKING YARN
 WATER BLOCKING TAPE
 ARAMID YARN
 OUTER SHEATH
 RIPCORD

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

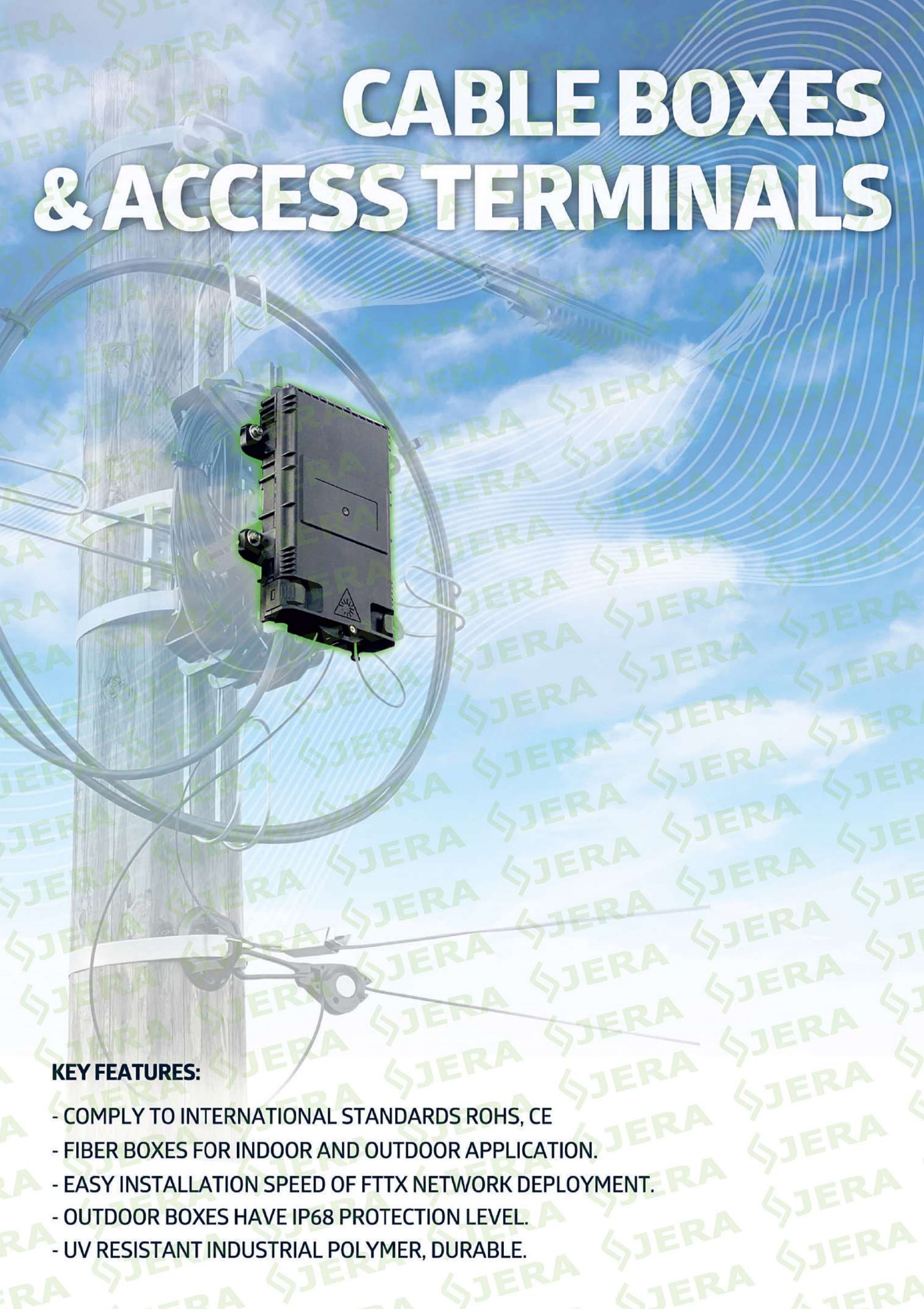

Appropriate crushing load


 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

CABLE BOXES & ACCESS TERMINALS



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.



Product information



FODB-8 mini



FODB-8.6 mini



FODB-8H



FODB-16H

Key advantage



FOR OUTDOOR



IP 68



SOFT RUBBER SEALING



CONVENIENT SPLICING



PLUG & PLAY



SAVE DEPLOYMENT COST

Technical specification:

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

* 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



FAT-8M



FAT-12M



FAT-16M



FAT-8P

Key advantage



FOR OUTDOOR



IP 68



PLUG & PLAY



SAVE DEPLOYMENT
COST

Technical specification:

Product code	FAT-8M	FAT-12M	FAT-16M	FAT-8P
Total ports	11	12	18	9
Feeding cable	Mini SC	Hardened SC	Mini SC	Hardened SC
Drop cable	8+1	11+1	16+1	8+1
Max fiber splicing capacity	2	2	2	2
Adapters, type	Mini SC	Hardened SC	Mini SC	Hardened 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	1:2 FBT(70:30 or customized) + 1:8 PLC
Overall dimensions (mm)	195×195×50		230*230*110	

BOXES & JOINTS

* TWO LAYERS FOR STORAGE OF FIBER SPLICING



Product information



FOSC-2D



FOSC-2A



FOSC-4



FOSC-15T

Key advantage



FOR OUTDOOR



CONVENIENT SPLICING



SAVE DEPLOYMENT COST

Technical specification:

Product code	FOSC-2D	FOSC-2A	FOSC-4	FOSC-15T
Round cable dimensions, mm	3 of Ø8-16	2 of Ø8-17, 2 of Ø8-12	4 of Ø4-20	1 of Ø14, 1 of Ø23
Oval cable dimensions, mm	1 of 30-48mm	1 of 32x56	1 of 25x44	-
Drop cable dimentions, mm	-	8 of Ø2-4	-	-
Max splicing capacity	32 (64*)	16 (32*)	72 (144*)	72
Max splicing capacity per tray	8 (16*)	8 (16*)	12 (24*)	24
Adapters, SC type	-	8+2	-	Mini SC Hardened
PLC splitters, blockless 60x7x4 mm	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
IP protection	68	63	68	68
Overall dimensions, mm	300x180x130	320x180x180	413x220	384x215x70

* TWO LAYERS FOR STORAGE OF FIBER SPLICING TUBES



Product information



PC-1-1



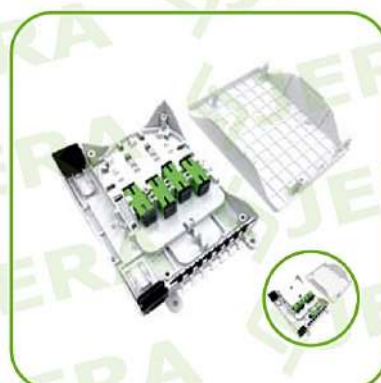
FOPC-RGS/SC



ODP-02 (1)



ODP-05



FODB-8R

Key advantage



COMMON DESIGN



LOW COST FTTH



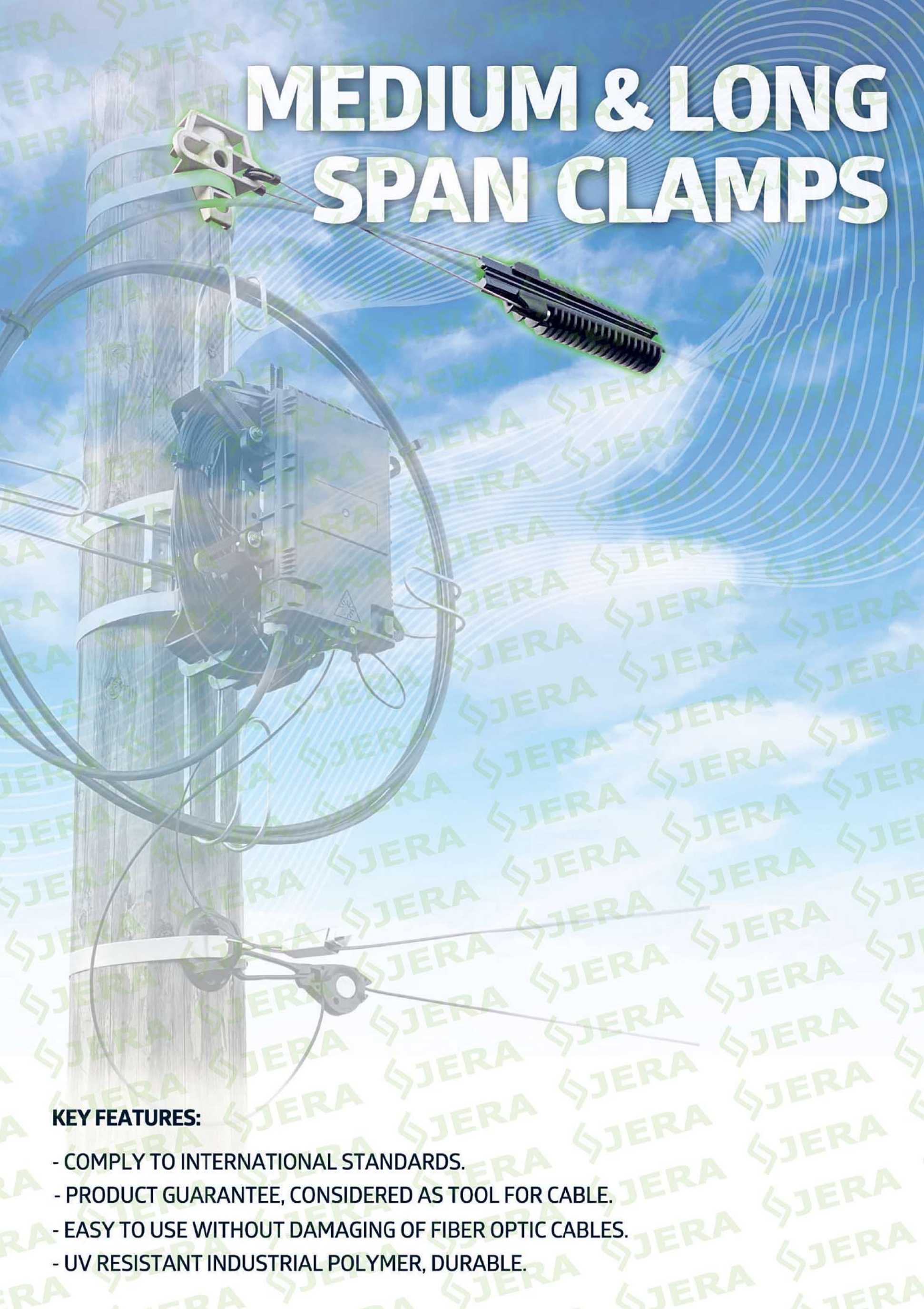
IP 53

BOXES & JOINTS

Technical specification:

Product code	PC-1-1	FOPC-RGS/SC	ODP-02(1)	ODP-05	FODB-8R
Drop cables quantity	1	1	1	3	8
Input and cable diameters	1×Ø3mm, 3×2mm	1×Ø3mm, 3×2mm	1×Ø3mm, 3×2mm	1×Ø3mm	2×Ø<14mm, 8×Ø2-3mm
Dimensions, mm	100×11×11	16×45×17	86×86×22	76×76	126×150×5
Adaptors SC	-	1	2	2	8+2
Blockless PLC SC Splitters 60×7×4mm	-	-	-	-	1×1'8, 2×1'4

MEDIUM & LONG SPAN CLAMPS

The background image shows a wooden utility pole with various fiber optic components. A metal box is mounted on the pole, with several cables entering and exiting. A black clamp with a green brush-like surface is shown in the foreground, attached to a cable. The background is a blue sky with white clouds, and there is a repeating watermark of the word 'JERA' in a stylized font.

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





ANCHOR AND SUSPENSION CLAMPS FOR ADSS CABLES

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-200		Ø 3 - 8	1.5	UV resistant plastic
PA-520		Ø 4 - 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	3.0	UV resistant plastic, stainless steel, aluminium
PA-701		Ø 8 - 12		
PA-702		Ø 10 - 14		
PA-3000		Ø 8 - 12	8.0	UV resistant plastic, stainless steel, aluminium
PA-3001		Ø 12 - 16		
PA-3002		Ø 14 - 18		
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



ANCHOR AND SUSPENSION CLAMPS FOR ADSS CABLES

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 galvanized steel
HC 2x8-15		Ø 8 – 15	4.0	UV resistant plastic, galvanized steel
HC 2x15-20		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.



ANCHOR AND SUSPENSION CLAMPS FOR FIGURE-8 TYPE CABLES

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	FRP	Ø 2.9-3.6	5,0	Stainless steel, aluminium
PA-37		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		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		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
ZP8-2		Ø 4 - 8	2,0	Galvanized steel, aluminium

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



DEAD-END GUY GRIPS, JS

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	1 (2)	5.0/5.6	red	Specified in accordance to cable working load		
			5.7/6.5	yellow			
			6.6/7.4	black			
			7.5/8.4	orange			
			8.5/9.4	brown			
	U - 42 (Plastic)	2 (3.5)	9.5/10.5	white			
			10.6/11.6	blue			
			11.7/12.8	green			
			12.9/14.1	red			
			14.2/15.6	yellow			
			15.7/17.3	black			
			17.4/19.1	orange			
			19.2/20.9	brown			
			21/22.8	white			
	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	50/100	5.0/5.6	red	Specified in accordance to cable working load		
			5.7/6.5	yellow			
			6.6/7.4	black			
			7.5/8.4	orange			
			8.5/9.4	brown			
			9.5/10.5	white			
			10.6/11.6	blue			
			11.7/12.8	green			
			12.9/14.1	red			
			14.2/15.6	yellow			
			15.7/17.3	black			
			17.4/19.1	orange			
			19.2/20.9	brown			
			21/22.8	white			
	TR - 01						



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 & SHORT SPAN CABLE CLAMPS, BRACKETS



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.



DROP CLAMPS FOR FTTX OUTDOOR (AERIAL) CABLE DEPLOYMENT

Product information:

Drop clamps for FTTx cables applied on flat and round cables of different sizes. Tension strength achieved by wedges and conical body of clamp or by excentral layout of cable in the clamp or wedges. Open or closed wire bails provide an easier installation. Tension strength achieved. Radius of excentrals is enough for the optical signal to work properly, without losses.

Technical specification:

Product code		Max cable size (h × w), mm*	MBL, kN*	Materials
S-TYPE		Ø 0.4 – 1.5	1	UV resistant plastic, stainless steel
SO-TYPE		Ø 0.4 – 1.5	0.5	UV resistant plastic
SS-TYPE		Ø 0.4 – 1.5	2	UV resistant plastic, stainless steel
DH-01		Ø 2 – 5	1	Galvanized steel, aluminium
DH-02		Ø 4 – 10	0.8	Galvanized steel, aluminium
ODWAC-PH		<4 × <8	0.5	UV resistant plastic
ODWAC-PY		<4 × <8	0.5	UV resistant plastic
ODWAC-15		<5 × <12	0.7	Stainless steel
ODWAC-20		<3 × <9	0.5	Stainless steel UV resistant plastic
ODWAC-22		<6 × <13	1.2	Stainless steel

LAST MILE DROP CLAMPS & BRACKETS



Product code		Cable size, mm*	MBL, kN*	Materials
ODWAC-22E		 <6 × <13	1.2	Stainless steel with electrophoretic paint
ODWAC-22H		 <4 × <8	0.5	Stainless steel UV resistant plastic
ODWAC-22P		 <6 × <13	1	Stainless steel, UV resistant plastic
ODWAC-22S		 <6 × <13	0.5	Stainless steel
ODWAC-22Y		 <4 × <8	1	Stainless steel UV resistant plastic
ODWAC-23		 Ø 3 – 6,  <4 × <13	Depend on cable	Stainless steel
ODWAC-23H		 Ø 3 – 6,  <4 × <13	Depend on cable	UV resistant plastic Stainless steel
ODWAC-23S		 Ø 3 – 6,  <4 × <13	Depend on cable	Stainless steel
ODWAC-26		 <6 × <16	2	Stainless steel
ODWAC-L		 <6 × <13	1	Dacro steel
ODWAC-I		 Ø 4 – 7,  4 × 10	Depend on cable	UV resistant plastic
H15		 Ø 2 – 4,  2 × (5 – 8)	0.5	UV resistant plastic, galvanized steel



Product code		Cable size, mm*	MBL, kN*	Materials
D2.0			0.5	UV resistant plastic, galvanized steel
D2.1			0.5	UV resistant plastic, galvanized steel
D2.M			0.5	UV resistant plastic, galvanized steel
D3			0.5	UV resistant plastic
D-4			0.5	UV resistant plastic
FISH-1			Depend on cable	UV resistant plastic
FISH-2			1	UV resistant plastic
FISH-34			Depend on cable	UV resistant plastic
FISH-45			Depend on cable	UV resistant plastic
FISH-5			Depend on cable	UV resistant plastic
ACC			1	UV resistant plastic
ACJ			Depend on cable	UV resistant plastic
D6			0.5	UV resistant plastic
PS-M			Depend on cable	UV resistant plastic
D5			1	UV resistant plastic

LAST MILE DROP CLAMPS & BRACKETS



BRACKETS & HOOKS FOR DROP CABLE CLAMPS

Product information:

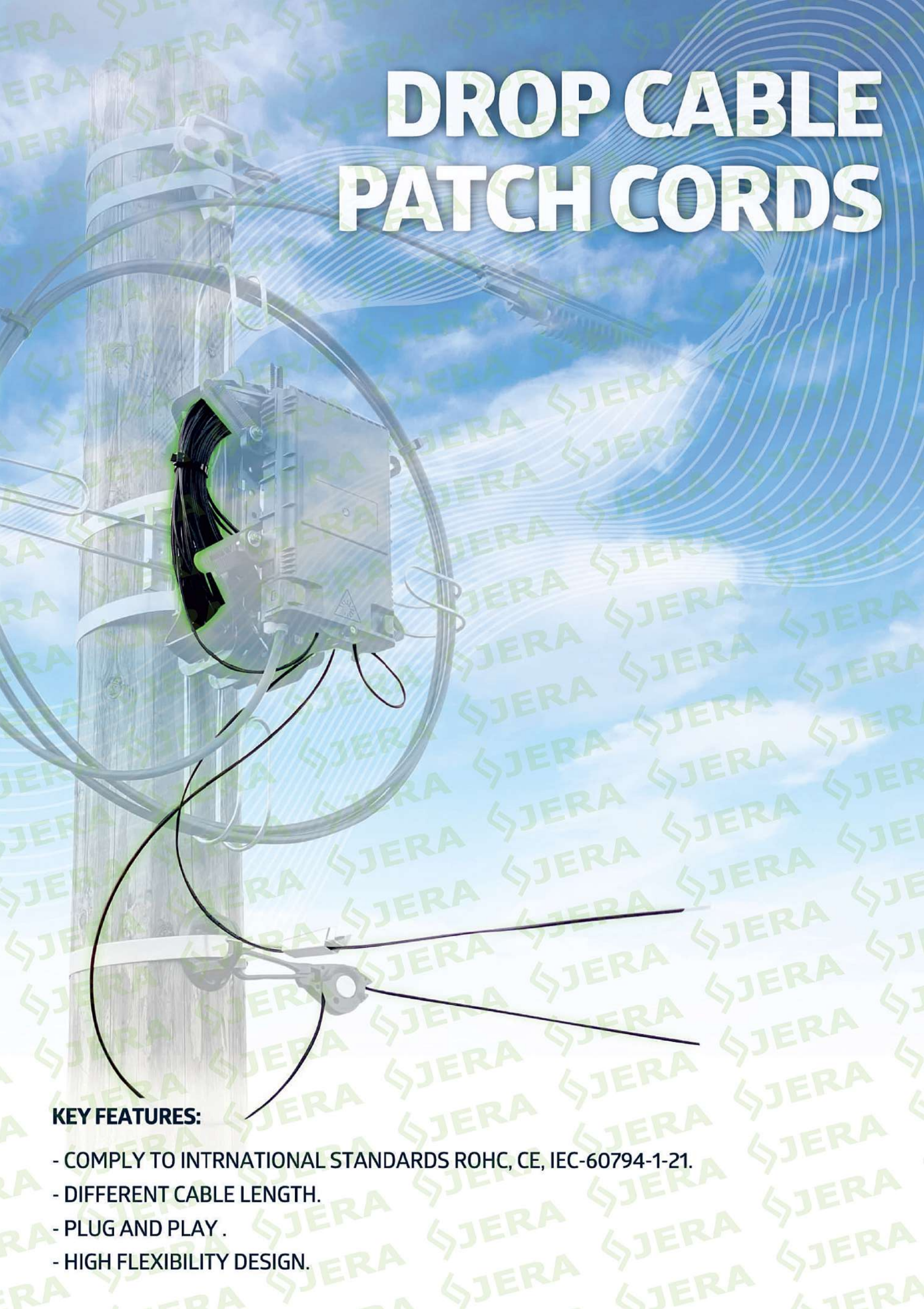
Drop brackets and hooks used together with drop cable clamps, used to tension fiber optic drop cable in last mile FTTH line deployment.

Technical specification:

Product code		MBL, kN	Materials*
YK-01		1.5	Galvanized steel
YK-02		1	Galvanized steel
YK-03		1	Galvanized steel
YK-05		0.5	Stainless steel or galvanized steel
YK-06		2	Galvanized steel
YK-07		1.0/1.5	UV Resistant plastic
YK-13		1	Hot dip galvanized steel
CA-30		2	UV Resistant plastic
AH		2	Galvanized steel
DWR-01		-	Galvanized steel
PS-6		1	Galvanized steel
YK-11		-	Galvanized steel
YK-14		4	Hot dip 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°C	-40-+85°C



ADAPTERS

Technical specification:

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



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°C	-40-+85°C



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°C					
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°C	
Standard	Telcordia GR-1209-CORE and GR-1221-CORE	

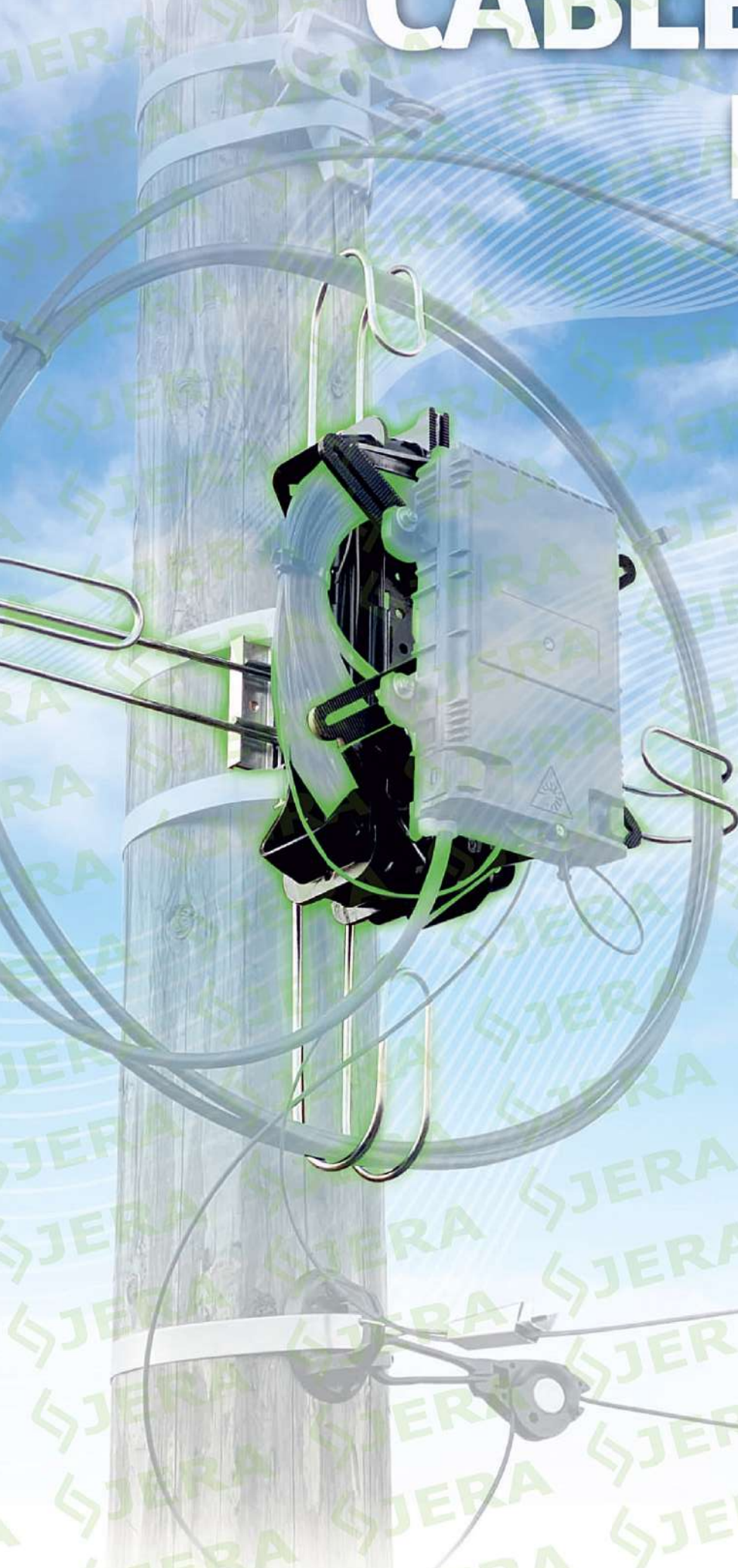


CASSETTE PLC SPLITTER C2 TYPE

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 STORAGE BRACKETS



KEY FEATURES:

- TOOL FREE QUICK INSTALLATION.
- OUTDOOR APPLICATION.
- COMPLIANT TO MOST COMMON DESIGN OF OUTDOOR BOXES.



Product information



YK-S



YK-X



YK-SF



YK-3060



YK-610-L

CABLE STORAGE

Key advantage



FOR OUTDOOR



CONVENIENT SPLICING

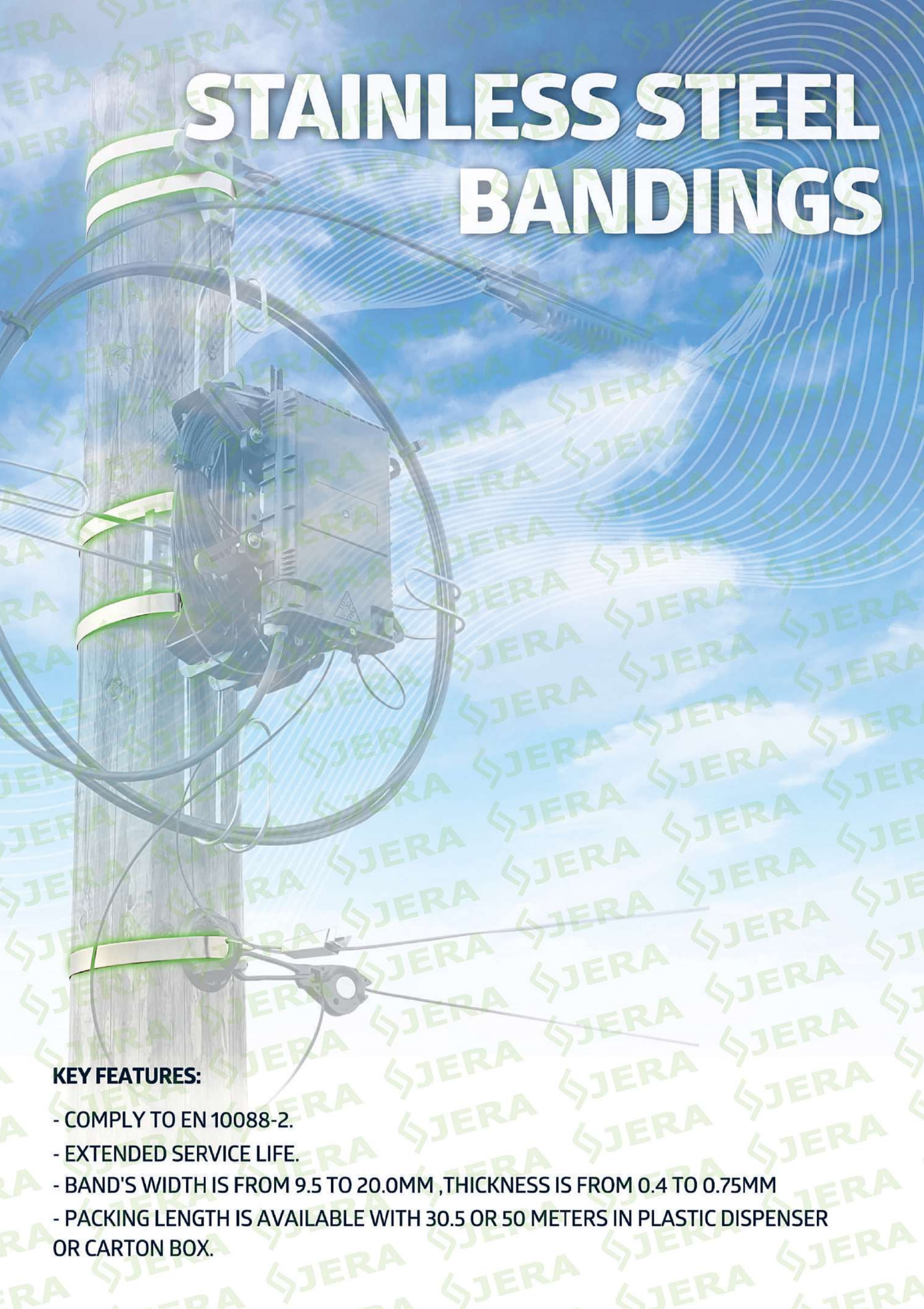


SAVE DEPLOYMENT COST

Technical specification:

Product code	YK-S	YK-X	YK-SF	YK-3060	YK-610-L
Adjustable to cable's size	Yes	Yes	No	Yes	No
Cable storing diameter, mm	200-450	200-450	400	300-600	610
Materials	UV resistant palstic	UV resistant palstic	UV resistant palstic	Galvanized steel, Aluminium	Galvanized steel, Aluminium

STAINLESS STEEL BANDINGS



KEY FEATURES:

- COMPLY TO EN 10088-2.
- EXTENDED SERVICE LIFE.
- BAND'S WIDTH IS FROM 9.5 TO 20.0MM, THICKNESS IS FROM 0.4 TO 0.75MM
- PACKING LENGTH IS AVAILABLE WITH 30.5 OR 50 METERS IN PLASTIC DISPENSER OR CARTON BOX.



STAINLESS STEEL BANDS

Product information:



Technical specification:

Material grade, SUS	201		304	
Width	3/8" – 9.5 mm	1/2" – 12.7 mm	5/8" -16.0 mm	3/4" -19.0 mm
Thickness	0.015" – 0.40 mm	0.020" – 0.50 mm	0.025" – 0.64 mm	0.028" - 0.70 mm
Length for roll, m	30 or 50	30 or 50	30 or 50	30 or 50
Colour of dispenser	Red	Green	Blue	Gray
				Yellow

STAINLESS STEEL BANDS

Product information:



Technical specification:

Product code	MBT-003	MBT-004
Max band width, mm	< 20	< 25
Band thickness, mm	< 1.2	< 1.5



STAINLESS STEEL BUCKLES, T-TYPE

Product information:



Technical specification:

Product code	KL-10-T	KL-13-T	KL-16-T	KL-20-T
Max band width	3/8" – 10 mm	1/2" – 12.7 mm	5/8" – 16.0 mm	3/4" – 20.0 mm
Grades	201, 304	201, 304	201, 304	201, 304

STAINLESS STEEL BUCKLES, LX AND LC TYPES

Product information:



Technical specification:

Product code	KL-13- L	KL-20- L	KL-20- LC	KL-20- LX
Max band width	1/2" – 12.7 mm	3/4" – 20.0 mm	3/4" – 20.0 mm	3/4" – 20.0 mm
Grades	201, 304	201, 304	201, 304	201, 304

STAINLESS STEEL BUCKLES, LX AND LC TYPES

Product information:



Technical specification:

Product code	KL-10-T(E)	KL-13-T(E)	KL-16-T(E)	KL-20- T(E)
Max band width	3/8" – 10.0 mm	1/2" – 12.7 mm	5/8" – 16.0 mm	3/4" – 20.0 mm
Grades	201, 304	201, 304	201, 304	201, 304



PERFORATED WORM TYPE STAINLESS STEEL BAND (CHKO)

Product information:



Technical specification:

Product code	8x0.6-CHKO	12.7x0.7-CHKO
Width, mm	8	12.7
Thickness, mm	0.6	0.7
Material, grade, SUS	201/304	201/304
Length of roll, meters	30	30
Package	Cassette dispenser, or carton	

SCREW LOCKING BUCKLE, WORM TYPE

Product information:



Technical specification:

Product code	KL-8-CHKO	KL-12.7-CHKO
Width, mm	8	12.7
Material, grade, SUS	201/304	201/304

STAINLESS STEEL TIE, SCREW LOCKING SYSTEM

Product information:



Technical specification:

Product code	ZD
Width, mm	10, 12, 16, 19
Thickness, mm	0.7
Length, mm	400, 600, 800, 1000, 1200, 1400
Material, grade, SUS	201/304



FIBER OPTIC CABLE STRIPPER

Product information:

Fiber optic cable stripper is a special tool developed for ADSS cables or other sheathed or armored ftth cables. This ADSS cable splitter is mainly to cut off the armored sheath of cable to obtain the internal fiber optic wire.

Technical specification:

Product code	FT-2
Stripping diameter	4-10 mm
Blade depth	Max 5.5mm



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



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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