



PRODUCT CATALOGUE

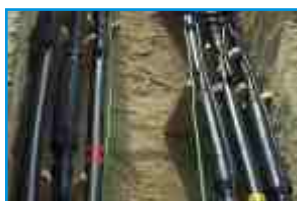
Heat Shrinkable Cable Joints & Terminations,
Power Cable Accessories



AN ISO 9001:2008 CERTIFIED



Manufacturers of : Heat Shrinkable Cable Joints & Terminations, Power Cable Accessories upto 66 KV





About Ourself

We are an ISO 9001:2008 certified company. The Quality Management System of the company has been assessed and certified to new ISO 9001:2008 Standards by Linear Management Solutions & Certifications Pvt. Ltd. This registration and certification covers for Design, Development, Manufacture, Supply and Installation of Heat Shrinkable Cable Jointing Kits and Power Cable Accessories.

This certification acknowledges our continued commitment to meet or exceed quality management standards. The ISO 9001:2008 certification signifies a worldwide benchmark in customer satisfaction, Product Quality and leads to significant reduction in product defect levels to ensure ZERO DEFECT end products produced by us. ISO 9001:2008 certification has a direct impact on product quality and support service. This certification further strengthens our commitment to our customer where we will adhere to our company policy to "continuously improving our products and services that will meet or exceed our customers' satisfaction". The In-House Testing facilities available within the organization complies with various Test Requirements Globally.

The Product

"YPTKITS" heat shrinkable termination & joints offer unsurpassed technical superiority for perfect terminating & jointing of most modern PVC/PILC/XLPE/EPR low and medium range power cable upto 72KV class. Utilizing state of the art polymer manufacturing technology, "YPTKITS" range of power cable accessories provide excellent protection against tracking, corone discharge (electrical stress) & dielectric stress. "YPTKITS" kits exhibit the ability to effectively function under the most stringent operating conditions for at least the life of the cable on which they are installed. The design criteria have been focused to meet the various performance specifications applicable on worldwide scenario. "YPTKITS" systems not only offer a technically better solution, but are designed to ensure that they are environment & user friendly .

Other Products

- Push on Terminations for XLPE cables upto 36 KV
- Tapex-Taped Joints & Termination for XLPE /EPR cables upto 66 KV
- Cast resin Joints & Termination for PVC/PILC/XLPE cables upto 36 KV
- Cold Shrinkable Termination upto 36 KV XLPE cables
- ABC Joints & Terminations 1.1 KV & 11 KV
- T-off Joints for LV/MV cables





YPTKITS Heat Shrink Technology

Heat Shrinkable Terminology shall apply to extruded and molded polymeric materials, which have the shape "Memory" effect. This effect makes the material to shrink back to its original shape and profile on application of heat more than its crystalline temperature.

The People & Innovation

The experts at Yamuna Power Technologies are highly experienced in the design and manufacture of Heat Shrink Fitting for Low Voltage and Medium Voltage Joints and terminations kits. This experience and expertise enables us to utilize a proven process and the latest product technology. The Research & Development is a never ending process at Yamuna Power Technologies which is the main reason that "YPTKITS" is at Top amongst the Power Cable Accessories.

Commitment to Quality

Its what you would expect from Yamuna Power Technologies is a company enjoying top rating for being "Brand You can Trust". It starts Quality with rigorous inspection of raw materials and components. It continues through constant in-process checks and testing. And includes post-production testing, analysis and inspection. It's a quality process that ensures that every product you order will provide years of trouble-free service.

Quality Certification

It's the reason why we're the preferred supplier for more and more customers. We've earned their trust. Our definition of customer satisfaction goes far beyond providing reliable products at competitive prices. It includes a commitment to meet and exceed customer expectations with courteous, knowledgeable order taking, on-time delivery and fast response to every customer inquiry. It's a commitment shared by every employee at Factory and at field. Yamuna Power Technologies has been dedicated to serving the electrical industry by providing the highest quality products to meet all application requirements. And every new product is introduced only when we're sure it meets our customers' highest standards and it's compliance to various National / International quality standards all over the Globe supported with Type Testing at Independent Test Houses.



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Heat Shrinkable Terminations Suitable for
3 Core XLPE/EPR Insulated Cables for 24KV

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YXO/E - 3336 - Series

Heat Shrinkable Terminations Suitable for
3 Core XLPE/EPR Insulated cables for 36KV

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YXOS/E - 1236 - Series

Heat Shrinkable Terminations Suitable for
Single core XLPE/EPR/PVC Insulated cables upto 36KV

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YXSS - 1236 - Series

Heat Shrinkable Straight Through Joint Suitable for
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YPO/E - 1524 - Series

Heat Shrinkable Terminations Suitable for 3 core
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YPO/E - 3336 - Series

Heat Shrinkable Terminations Suitable for 3 core
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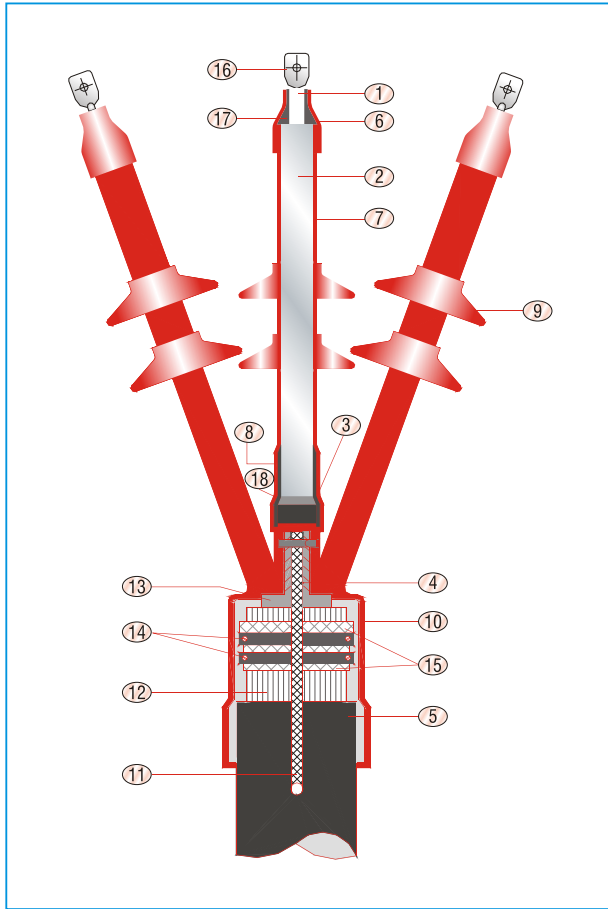
Heat Shrinkable Moulded Shapes

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Heat Shrinkable Moulded Shapes, Tubings & Tapes



Any Item Related to
Power Cable Splicing &
Terminating Upto 66KV



Cable Components

No.	Descriptions
1.	Conductor
2.	Insulation
3.	Semi Conducting Screen
4.	Metal Shield
5.	Outer Sheath
12.	Armour
13.	Inner Sheath

Kit Components

No.	Descriptions	Qty.
6.	Terminal Sleeve	3 Nos.
7.	Non-Tracking Weather Resistant Tubing	3 Nos.
8.	Stress Control Tubing	3 Nos.
9.	Rain Shed	6 Nos.
10.	Non-Tracking Cable Break Out	1 No.
11.	Tinned Copper Earth Braid	1 No.
14.	Worm Drive Clips	2 Nos.
15.	Mastic Sealing Tape	1 Roll
16.	Terminal Lug	3 Nos.
17.	Lug Sealing Tape	3 Nos.
18.	Stress Control Mastic	3 Nos.

Installation aids & Accessories (Part of std. Kits)

- Armour Earthing Arrangement (Tinned Copper Braid + Back Up Ring + Jubilee Clamp) 1 Set.
- Metal Shield Earthing arrangement (Small Copper Braid + Solder + Flux) 1 Set.
- Silicone Grease 2 Nos.
- Cleaning Tissues 3 Nos.
- Nylon String for Cutting XLPE Insulation 1 No.
- Aloxite Emery Tape 3 Nos.
- Mopping Cloth 1 No.
- Installation Instruction Manual 1 No.

BILL OF MATERIAL STD. PACKING KIT (● + ■)

● Cable Components

■ Kit Components

● Installation aids & Accessories (Part of std. kits)

Electrical Specifications (12 kV Rated Accessories)

Test Requirement	Requirement Test Value	YXO/E 1112-Series
A.C. Withstand, 1 Minute	35 KV	Pass
D.C. Withstand, 15 Minute	48 KV	Pass
Discharge Extinction Voltage(<5Pc)	12.7 KV	>12.7KV
Impulse Withstand(Crest KV)	75 KV	>75 KV
Continuous Current Rating	As Per Cable	As Per Cable

Accessories and optional items

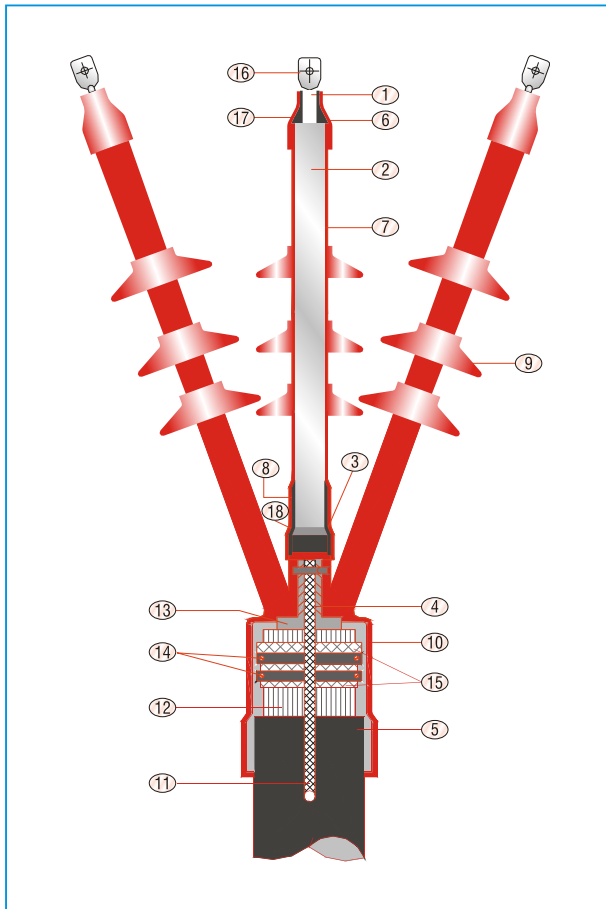
- Standard Tail Length is 600mm for outdoor and 450mm for indoor terminations. Special tail lengths available on request.
- Solderless and special purpose earthing kits also available on request.
- Polymeric Insulators and T Brackets for installation of terminations on single pole are available on request.

Note

- All kits are supplied with full kit contents for making a termination.
- All Indoor Kits are supplied without rain sheds

Ordering Informations

Cable Size (Sq mm)	Outdoor Kit Code	Indoor Kit Code
16-35	YXO-11	YXE-11
50-95	YXO-12	YXE-12
120-185	YXO-13	YXE-13
240-300	YXO-14	YXE-14
400-500	YXO-15	YXE-15



Cable Components

No.	Descriptions
1.	Conductor
2.	Insulation
3.	Semi Conducting Screen
4.	Metal Shield
5.	Outer Sheath
12.	Armour
13.	Inner Sheath

Kit Components

No.	Descriptions	Qty.
6.	Terminal Sleeve	3 Nos.
7.	Non-Tracking Weather Resistant Tubing	3 Nos.
8.	Stress Control Tubing	3 Nos.
9.	Rain Shed	9 Nos.
10.	Non-Tracking Cable Break Out	1 No.
11.	Tinned Copper Earth Braid	1 No.
14.	Worm Drive Clips	2 Nos.
15.	Mastic Sealing Tape	1 Roll
16.	Terminal Lug	3 Nos.
17.	Lug Sealing Tape	3 Nos.
18.	Stress Mastic	3 Nos.

Installation aids & Accessories (Part of std. Kits)

- Armour Earthing Arrangement (Tinned Copper Braid + Back Up Ring + Jubilee Clamp) 1 Set.
- Metal Shield Earthing arrangement (Small Copper Braid + Solder + Flux) 1 Set.
- Silicone Grease 2 Nos.
- Cleaning Tissues 3 Nos.
- Nylon String for Cutting XLPE Insulation 1 No.
- Aloxite Emery Tape 3 Nos.
- Mopping Cloth 1 No.
- Installation Instruction Manual 1 No.

BILL OF MATERIAL STD. PACKING KIT (● + ■)

- Cable Components
- Kit Components
- Installation aids & Accessories (Part of std. kits)

Electrical Specifications (24 kV Rated Accessories)

Test Requirement	Requirement Test Value	CXO/E-1524-Series
A.C. Withstand, 1 Minute	50 kV	Pass
D.C. Withstand, 15 Minute	96 kV	Pass
Discharge Extinction Voltage(<5Pc)	25.4 kV	>25.4 kV
Impulse Withstand(Crest KV)	125 kV	125 kV
Continuous Current Rating	As Per Cable	As Per Cable

Accessories and optional items

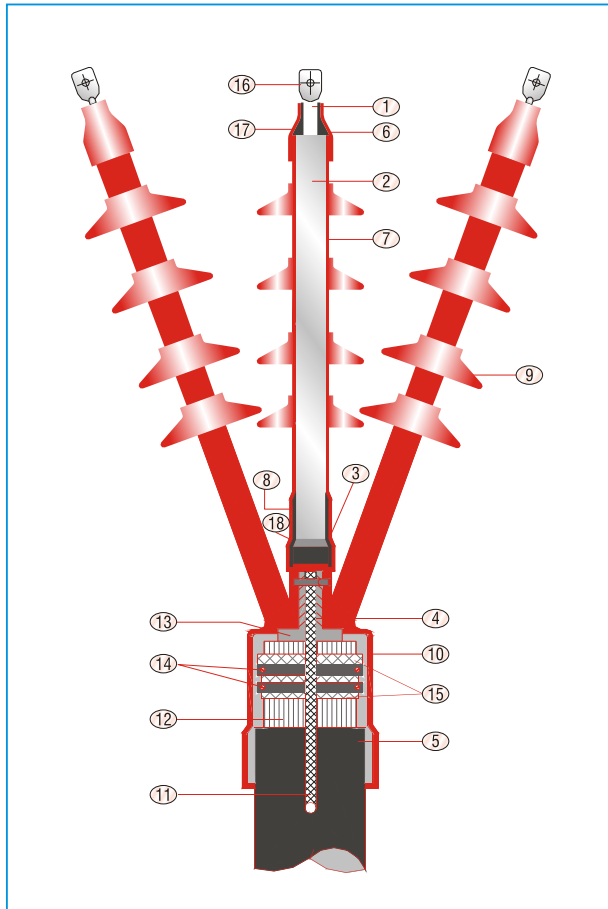
- Standard Tail Length is 800mm for outdoor and 550mm for indoor terminations. Special tail lengths available on request.
- Solderless and special purpose earthing kits also available on request.
- Polymeric Insulators and T Brackets for installation of terminations on single pole are available on request.

Note

- All kits are supplied with full kit contents for making a termination.
- All Indoor terminations shall have 1 No. Rain shed on each core.

Ordering Informations

Cable Size (Sq mm)	Outdoor Kit Code	Indoor Kit Code
16-50	YXO-21	YXE-21
70-120	YXO-22	YXE-22
150-185	YXO-23	YXE-23
240-400	YXO-24	YXE-24



Cable Components

No.	Descriptions
1.	Conductor
2.	Insulation
3.	Semi Conducting Screen
4.	Metal Shield
5.	Outer Sheath
12.	Armour
13.	Inner Sheath

Kit Components

No.	Descriptions	Qty.
6.	Terminal Sleeve	3 Nos.
7.	Non-Tracking Weather Resistant Tubing	3 Nos.
8.	Stress Control Tubing	3 Nos.
9.	Rain Shed	12 Nos.
10.	Non-Tracking Cable Break Out	1 No.
11.	Tinned Copper Earth Braid	1 No.
14.	Worm Drive Clips	2 Nos.
15.	Mastic Sealing Tape	1 Roll
16.	Terminal Lug	3 Nos.
17.	Lug Sealing Tape	3 Nos.
18.	Stress Mastic	3 Nos.

Installation aids & Accessories (Part of std. Kits)

- Armour Earthing Arrangement (Tinned Copper Braid + Back Up Ring + Jubilee Clamp) 1 Set.
- Metal Shield Earthing arrangement (Small Copper Braid + Solder + Flux) 1 Set.
- Silicone Grease 2 Nos.
- Cleaning Tissues 3 Nos.
- Nylon String for Cutting XLPE Insulation 1 No.
- Aloxite Emery Tape 3 Nos.
- Mopping Cloth 1 No.
- Installation Instruction Manual 1 No.

BILL OF MATERIAL STD. PACKING KIT (● + ■)

- Cable Components
- Kit Components
- Installation aids & Accessories (Part of std. kits)

Electrical Specifications (24 kV Rated Accessories)

Test Requirement	Requirement Test Value	CXO/E-3336-Series
A.C. Withstand, 1 Minute	75 kV	Pass
D.C. Withstand, 15 Minute	144 kV	Pass
Discharge Extinction Voltage(<5Pc)	38 kV	> 38 kV
Impulse Withstand(Crest KV)	170 kV	> 170 kV
Continuous Current Rating	As Per Cable	As Per Cable

Accessories and optional items

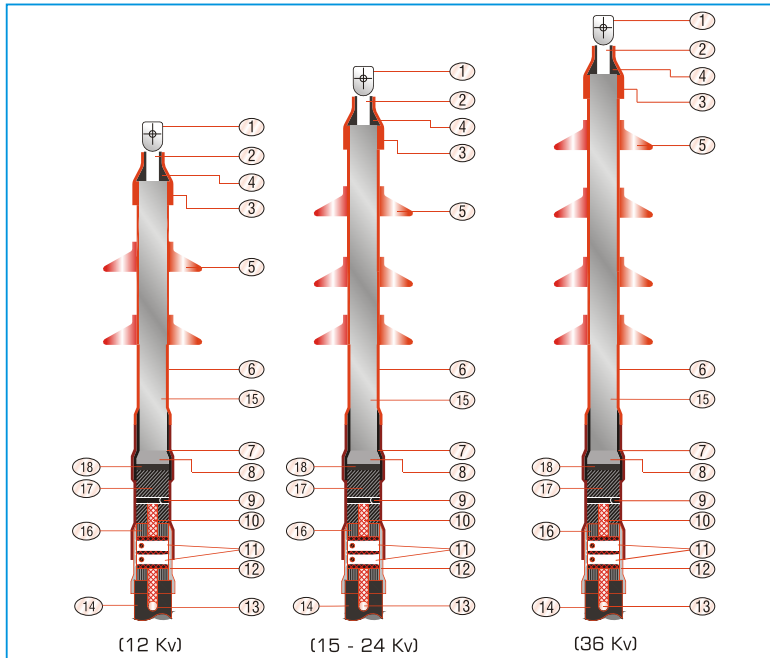
- Standard Tail Length is 900mm for outdoor and 700mm for indoor terminations. Special tail lengths available on request.
- Solderless and special purpose earthing kits also available on request.
- Polymeric Insulators and T Brackets for installation of terminations on single pole are available on request.

Note

- All kits are supplied with full kit contents for making a termination.
- All Indoor terminations shall have 2 No. Rain shed on each core.

Ordering Informations

Cable Size (Sq mm)	Outdoor Kit Code	Indoor Kit Code
25-50	YXO-31	YXE-31
70-95	YXO-32	YXE-32
120-185	YXO-33	YXE-33
240-400	YXO-34	YXE-34



Kit Components

No.	Descriptions	Qty.
1.	Terminal Lug	1 No.
3.	Heat Shrinkable Adhesive Lined Terminal Sleeve	1 No.
4.	Lug Sealing Tape/Mastic	1 Strip
5.	Rain Sheds	
	12 KV System	2 Nos.
	24 KV System	3 Nos.
	36 KV System	4 Nos.
6.	Anti Tracking Sleeve	1 No.
7.	Stress Control Sleeve	1 No.
8.	Stress Control Mastic	1 Strips
9.	Constant Force Spring Roll (Alternatively Solder Tack)	1 No.
10.	Copper Braid for Screen Earthing	1 No.
11.	WormDrive Clip	1 No.
12.	Adhesive Lined Gland Sleeve (only for armoured cables)	1 No.
13.	Tinned Copper Braid duly fitted with Terminal Lug at One end+Solder block	1 No.

Cable Components

No.	Descriptions
2.	Conductor
14.	Outer Sheath
15.	XLPE Insulation
16.	Armour
17.	Metal Shield
18.	Semi-Conducting Screen.

Installation aids & Accessories (Part of std. Kits)

Descriptions	Qty.	Descriptions	Qty.
• Mastic Sealing Tape	1 Roll.	• Aloxite Emery Tape	3 Pc.
• Silicone grease	1 No.	• Mopping Cloth	1 Pc.
• Cleaning Tissue	2 Nos.	• Installation Instruction Manual	1 No.
• Nylon String for Cutting XLPE Insulation	1 No.		

BILL OF MATERIAL STD. PACKING KIT (● + ■)

- Cable Components
- Kit Components
- Installation aids & Accessories (Part of std. kits)

Electrical Performance

Tests	12 KV System (6.6/6.6 KV,6.35/11KV)	15-24KV System (8.7/15KV,11/11KV,12.7/22KV)	36 KV (19/33KV)
AC Dry Withstand voltage	35KV/1 minute	50KV/1 Minute	75KV/1 Minute
DC Withstand 30 Minute	48 KV	96 KV	144 KV
Lightening Impulse withstand Voltage	75 KV	125 KV	170 KV
Partial Discharge	12.7 Kv < 5 Pc	25 Kv < 5 Pc	38 Kv < 5 Pc

Accessories and optional items

- Standard Tail Length is 900, 800 & 600mm for outdoor and 700, 550, 450mm for indoor termination for 36Kv, 24Kv & 12Kv respectively.
- Solderless and special purpose earthing kits also available on request.
- Polymeric Insulators and T Brackets for installation of terminations on single pole are available on request.

Note

- All kits are supplied with full kit contents for making a termination.
- Rain sheds for indoor termination 12 kv - No Rain shed, 15 -24 kv - 1 No. Rain shed, 36 kv - 2 Nos. Rain shed.

Ordering Informations

12 KV System			15 - 24 KV System			36 KV System		
Cable size (sq. mm)	Indoor	Outdoor	Cable size (sq. mm)	Indoor	Outdoor	Cable size (sq. mm)	Indoor	Outdoor
16-50	YXES-11	YXOS-11	16-50	YXES-21	YXOS-21	25-50	YXES-31	YXOS-31
70-120	YXES-12	YXOS-12	70-150	YXES-22	YXOS-22	70-185	YXES-32	YXOS-32
150-300	YXES-13	YXOS-13	185-300	YXES-23	YXOS-23	240-500	YXES-33	YXOS-33
400-630	YXES-14	YXOS-14	400-630	YXES-24	YXOS-24	630-800	YXES-34	YXOS-34
800-1000	YXES-15	YXOS-15	800-1000	YXES-25	YXOS-25	1000	YXES-35	YXOS-35



◆ Cable Components

No.	Descriptions	No.	Descriptions
14.	Outer Sheath	17.	XLPE Insulation
15.	Inner Sheath	18.	Armour
16.	Semi Conducting Core Screen	19.	Metallic Screen (Copper Foil)

● Installation aids & Accessories (Part of std. Kits)

Descriptions	Qty.
● Silicon Grease	1 No.
● Mastic Sealing Tape	2 Roll
● Nylon String for cutting XLPE Insulation	1 No.
● Aloxite Emery Tape	1 Strip each
● PVC Adhesive Tape	1 No.
● Mopping Cloth	1 Pc.
● Cleaning Tissue	3 Nos.
● Installation Instruction Manual	1 No.

■ Kit Components

No.	Descriptions	Qty.	No.	Descriptions	Qty.
1.	In line Connection (Ferrule)	1 No.	7.	Red Mastic	4 Strips
2.	Stress Control Mastic	3 Strips	8.	Copper Woven Flexible Mesh Tape	1 Roll
3.	Heat Shrinkable Stress Control Sleeve (Black)	1 No.	9.	Solder Tac (Alternatively Roll Spring)	1 Set
4.	Heat Shrinkable Insulations (Red) tubings.		10.	Worm Drive Clips	2 Nos.
	12 KV Systems.	1 No.	11.	Wraparound Joint Case (Metallic Protection Case)	1 No.
	24 KV Systems.	1 No.	12.	Heat Shrinkable Outer Jacking Sleeve (Central 1 No. + Side Sleeves 2 Nos.)	1 No.
5.	Heat Shrinkable Dual Wall Screend Tubing (Red + Black)	1 No.	13.	Tinned Copper Braid (Main Earthing)	1 No.
6.	Stress Control Mastic (Grey /Yellow)	2 Strips			

BILL OF MATERIAL STD. PACKING KIT (● + ■)

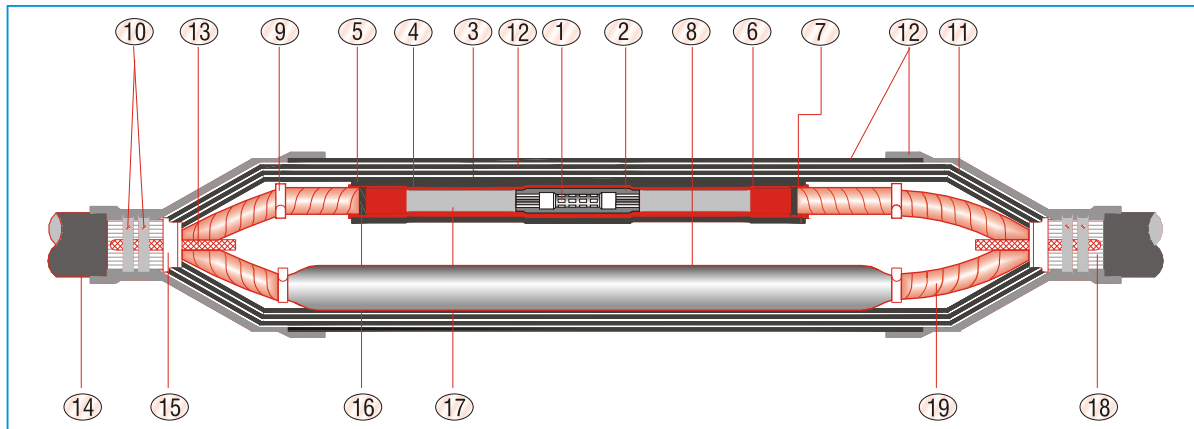
- ◆ Cable Components ■ Kit Components
 ● Installation aids & Accessories (Part of std. kits)

Electrical Performance

Tests	12 KV System (6.6/6.6 KV,6.35/11KV)	15-24KV System (8.7/15KV,11/11KV,12.7/22KV)	36 KV (19/33KV)
AC Dry Withstand voltage	35KV/1 minute	50KV/1 Minute	75KV/1 Minute
DC Withstand 30 Minute	48 KV	96 KV	144 KV
Lightening Impulse withstand Voltage	75 KV	125 KV	170 KV
Partial Discharge	12.7 Kv < 5 Pc	25 Kv < 5 Pc	38 Kv < 5 Pc

Ordering Informations

12 KV System		15 - 24 KV System		36 KV System	
Cable size (sq. mm)	Kit Code	Cable size (sq. mm)	Kit Code	Cable size (sq. mm)	Kit Code
16-50	YXSS-11	16-50	YXSS-21	25-50	YXSS-31
70-120	YXSS-12	70-150	YXSS-22	70-185	YXSS-32
150-300	YXSS-13	185-300	YXSS-23	240-500	YXSS-33
400-630	YXSS-14	400-630	YXSS-24	630-800	YXSS-34
800-1000	YXSS-15	800-1000	YXSS-25	1000	YXSS-35



Cable Components

No.	Descriptions	No.	Descriptions
14.	Outer Sheath	17.	XLPE Insulation
15.	Inner Sheath	18.	Armour
16.	Semi Conducting Core Screen	19.	Metallic Screen (Copper Foil)

Kit Components

No.	Descriptions	Qty.	No.	Descriptions	Qty.
1.	In line Connection (Ferrule)	3 Nos.	7.	Red Mastic	6/9 Nos.
2.	Stress Control Mastic	6/9 Nos.	8.	Copper Woven Flexible Mesh Tape	3 Roll
3.	Heat Shrinkable Stress Control Sleeve (Black)	3 Nos.	9.	Solder Tac (Alternatively Roll Spring)	1 Set/3 Nos.
4.	Heat Shrinkable Insulations (Red) tubings.	3 Nos.	10.	Worm Drive Clips	4 Nos.
	12 KV Systems.	3 Nos.	11.	Wraparound Joint Case (Metallic Protection Case)	1 No.
	24 KV Systems.	6 Nos.	12.	Heat Shrinkable Outer Jacking Sleeve (Central 1 No.+Side Sleeves 2 Nos.)	3 Nos.
	36 KV Systems.	6 Nos.	13.	Tinned Copper Braid (Main Earthing)	1 No.
5.	Heat Shrinkable Dual Wall Screend Tubing (Red + Black)	3 Nos.			
6.	Stress Control Mastic (Grey /Yellow)	6 Strips.			

Installation aids & Accessories (Part of std. Kits)

Descriptions	Qty.
• Silicon Grease	3 Nos.
• Mastic Sealing Tape	1 Roll.
• Nylon String for cutting XLPE Insulation	1 No.
• Aloxite Emery Tape	3 Nos.
• PVC Adhesive Tape	1 Roll.
• Mopping Cloth	1 No.
• Cleaning Tissue	6 Nos.
• Installation Instruction Manual	1 No.

BILL OF MATERIAL STD. PACKING KIT (● + ■)

- Cable Components ■ Kit Components
 ● Installation aids & Accessories (Part of std. kits)

Electrical Performance

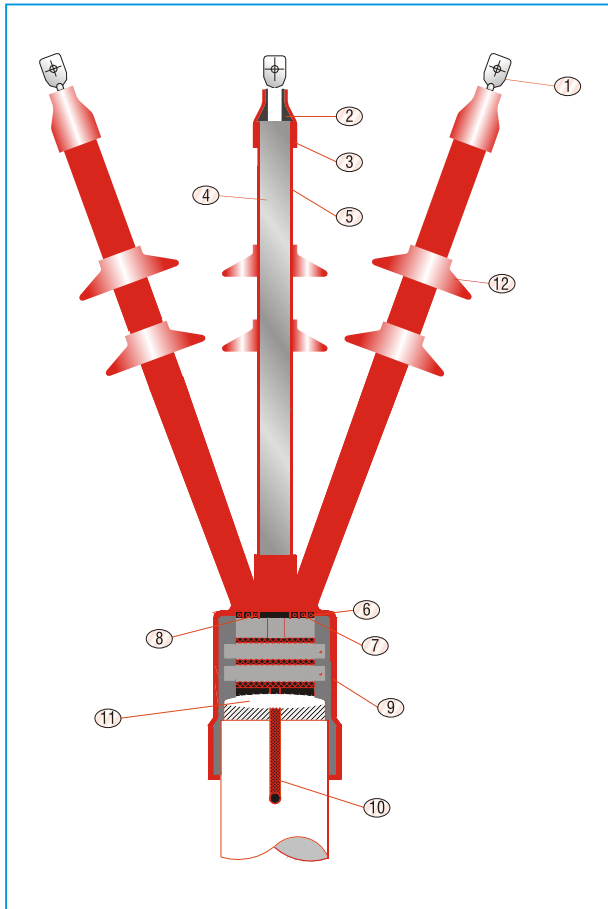
Tests Requirement	12 KV (6.6/6.6 KV, 6.35/11KV)	15-24KV (8.7/15KV,11/11KV,12.7/22KV)	36 KV (19/33KV)
AC Withstand 1 Minute	35 KV	50KV	75KV
DC Withstand 1 Minute	48 KV	96 KV	144 KV
Discharge Extinction Voltage(<5Pc)	12.7 KV (Min)	25.4 KV (Min)	38 KV (Min)
Impulse Withstand(Crest KV)	75 KV(Min)	125 KV	170 KV (Min)
Continuous Current Rating	As Pre Cable	As Per Cable	As Per Cable

Note

- All kits are supplied with full kit contents for making a straight through joint.
- Item at Sr. No.11 may be replaced with GI mesh application.

Ordering Informations

12 KV		15-24 KV		36 KV	
Cable Size (Sq mm)	Kit Code	Cable Size (Sq mm)	Kit Code	Cable Size (Sq mm)	Kit Code
16-50	YXS-11	25-50	YXS-21	35-70	YXS-31
70-95	YXS-12	70-95	YXS-22	95-150	YXS-32
120-185	YXS-13	120-150	YXS-23	185-300	YXS-33
240-300	YXS-14	185-240	YXS-24	400	YXS-34
400-500	YXS-15	300-400	YXS-25		



Kit Components

No.	Descriptions	Qty.
1.	Terminal Lug	3 Nos.
2.	Lug Sealing Mastic	3 Strips
3.	Terminal Sleeve	3 Nos.
4.	Oil Barrier Sleeve	3 Nos.
5.	Non-tracking Weather Resistant Sleeve	3 Nos.
6.	Stress Control Sleeve	3 Nos.
7.	Belting Oil Barrier Sleeve	1 No.
8.	Glass Cushion Tape	1 No.
9.	Cable Breakout	1 No.
10.	Earthing Connection Lead	1 No.
11.	Earthing Plumb	1 Set.
12.	Rain Shed	6 Nos.

Installation aids & Accessories (Part of std. Kits)

Descriptions	Qty.
• Mastic Sealing Tape	1 Roll.
• Cleaning Solvent	1 Bottle.
• Emery Sheet	1 No.
• Mopping Cloth	1 Pc.
• Installation Instruction Manual	1 No.

BILL OF MATERIAL STD. PACKING KIT (● + ■)

- Kit Components
- Installation aids & Accessories (Part of std. kits)

Electrical Performance

Tests	Requirement	Typical value
AC Dry Withstand voltage	35 KV/1 Minute	Pass
D.C. Voltage withstand test	48 KV/30 Minutes	Pass
Lightening Impulse withstand Voltage	75 KV	> 75 KV

Accessories and optional items

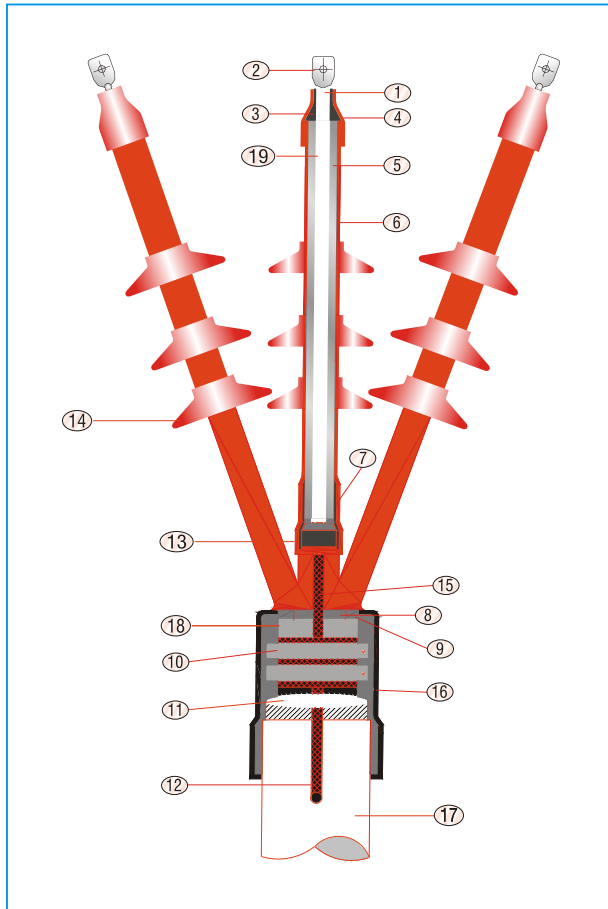
- Standard Tail Length is 600mm for outdoor and 450mm for indoor terminations. Special tail lengths available on request.
- Solderless and special purpose earthing kits also available on request.
- Polymeric Insulators and T Brackets for installation of terminations on single pole are available on request.

Note

- All kits are supplied with full kit contents for making a termination.
- All Indoor Kits are supplied without Rain shed.

Ordering Informations

Cable Size (Sq mm)	Outdoor Kit Code	Indoor Kit Code
16-35	YPO-11	YPE-11
50-90	YPO-12	YPE-12
120-185	YPO-13	YPE-13
240-400	YPO-14	YPE-14
500	YPO-15	YPE-15



Cable Components

No. Descriptions

1. Conductor
17. Outer Sheath
18. Lead Sheath
19. Paper Insulated Core

Kit Components

No.	Descriptions	Qty.
2.	Terminal Lug	3 Nos.
3.	Lug Sealing Mastic	3 Strips
4.	Heat Shrinkable Adhesive Lined Terminal Sleeve	3 Nos.
5.	Heat Shrinkable Oil Barrier Sleeve	3 Nos.
6.	Heat Shrinkable Non Tracking Weather Resistant Tubing	3 Nos.
7.	Stress Control Tubing	3 Nos.
8.	Glass Cushion Tape	1 Roll.
9.	Heat Shrinkable Belting Oil Barrier Sleeve	1 No.
10.	Worm Drive Clips(Optional)	2 Nos.
11.	Earthing Plumb (Connection of Lead Sheath to Armour)	1 Set.
12.	Tinned Copper Brand (Main Earthing)	1 No.
13.	Stress Control Mastic	3 Strips
14.	Rain Sheds	9 Nos.
15.	Insulation Shield Continuting (Small Copper Braid + Copper Wire)	1 Set.
16.	Heat Shrinkable Conducting Breakout	1 No.

Installation aids & Accessories (Part of std. Kits)

Descriptions	Qty.
• Mastic Sealing Tape	1 Roll.
• Cleaning Solvent	1 Bottle.
• Emery Sheet	1 No.
• Mopping Cloth	1 Pc.
• Installation Instruction Manual	1 No.

BILL OF MATERIAL STD. PACKING KIT (● + ■)

- Cable Components
- Kit Components
- Installation aids & Accessories (Part of std. kits)

Electrical Performance

Tests	Requirement	Typical value
AC Dry Withstand voltage	50 KV/1 Minute	Pass
D.C. Voltage withstand test	96 KV/15 Minutes	Pass
Lightening Impulse withstand Voltage	125 KV	> 125 KV

Accessories and optional items

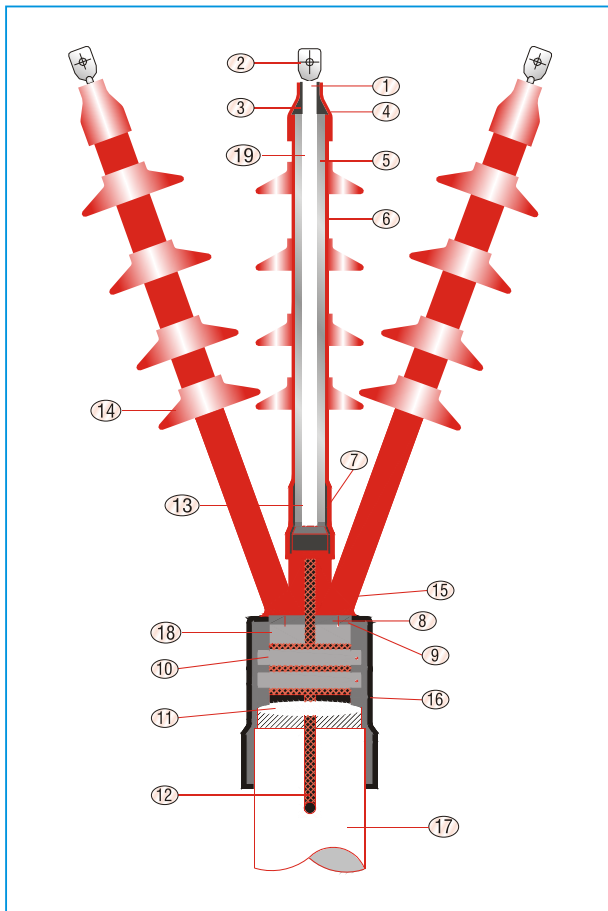
- Standard Tail Length is 800mm for outdoor and 550mm for indoor terminations. Special tail lengths available on request.
- Solderless and special purpose earthing kits also available on request.
- Polymeric Insulators and T Brackets for installation of terminations on single pole are available on request.

Note

- All kits are supplied with full kit contents for making a termination.
- All Indoor Terminations shall have 1 No Rain shed on each core.

Ordering Informations

Cable Size (Sq mm)	Outdoor Kit Code	Indoor Kit Code
25-50	YPO-21	YPE-21
70-120	YPO-22	YPE-22
150-240	YPO-23	YPE-23
300-500	YPO-24	YPE-24



Cable Components

No.	Descriptions
1.	Conductor
17.	Outer Sheath
18.	Lead Sheath
19.	Paper Insulated Core

Kit Components

No.	Descriptions	Qty.
2.	Terminal Lug	3 Nos.
3.	Lug Sealing Tape/Mastic	3 Strips
4.	Heat Shrinkable Adhesive Lined Terminal Sleeve	3 Nos.
5.	Heat Shrinkable Oil Barrier Sleeve	3 Nos.
6.	Heat Shrinkable Non Tracking Weather Resistant Tubing	3 Nos.
7.	Stress Control Tubing	3 Nos.
8.	Glass Cushion Tape	1 Roll.
9.	Heat Shrinkable Belting Oil Barrier Sleeve	1 No.
10.	Worm Drive Clips(Optional)	2 Nos.
11.	Earthing Plumb (Connection of Lead Sheath to Armour)	1 Set.
12.	Tinned Copper Braid (Main Earthing)	1 No.
13.	Stress Control Mastic	3 Strips
14.	Rain Sheds	9 Nos.
15.	Insulation Shield Continuing (Small Copper Braid + Copper Wire)	1 Set.
16.	Heat Shrinkable Conducting Breakout	1 No.

Installation aids & Accessories (Part of std. Kits)

Descriptions	Qty.
• Mastic Sealing Tape	1 Roll.
• Cleaning Solvent	1 Bottle.
• Emery Sheet	1 No.
• Mopping Cloth	1 Pc.
• Installation Instruction Manual	1 No.

BILL OF MATERIAL STD. PACKING KIT (● + ■)

- Cable Components
 ■ Kit Components
 ● Installation aids & Accessories (Part of std. kits)

Electrical Performance

Tests	Requirement	Typical value
AC Dry Withstand voltage	75 KV/1 Minute	Pass
D.C. Voltage withstand test	144 KV/30 Minutes	Pass
Lightening Impulse withstand Voltage	170 KV	> 170 KV

Accessories and optional items

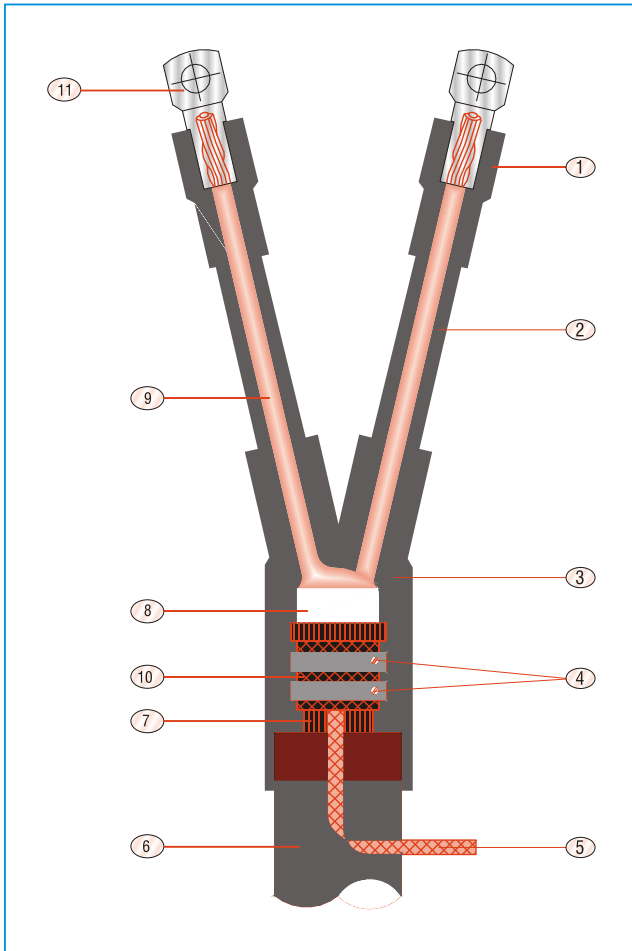
- Standard Tail Length is 900mm for outdoor and 700mm for indoor terminations. Special tail lengths available on request.
- Solderless and special purpose earthing kits also available on request.
- Polymeric Insulators and T Brackets for installation of terminations on single pole are available on request.

Note

- All kits are supplied with full kit contents for making a termination.
- All Indoor terminations shall have 2 No. Rain shed on each core.

Ordering Informations

Cable Size (Sq mm)	Outdoor Kit Code	Indoor Kit Code
35-70	YPO-31	YPE-31
95-150	YPO-32	YPE-32
185-300	YPO-33	YPE-33
400	YPO-34	YPE-34



🔧 Cable Components

No.	Descriptions
6.	Outer Sheath
7.	Armour
8.	Inner Sheath
9.	Cable Insulation

■ Kit Components

No.	Descriptions	Qty.
1.	H. S. Terminal Sleeve	4 Nos.
2.	Insulations Sleeve*	4 Nos.
3.	H. S. Cable Breakout	1 No.
4.	Jubilee Clamp	1 No.
5.	Tinned Copper Braid	1 No.
10.	Black Mastic Sealant Tape	1 Roll.
11.	Terminal Lug	4 Nos.

* Optional item

● Installation aids & Accessories (Part of std. Kits)

Descriptions	Qty.
• Cleaning Tissue	2 Nos.
• Mopping Cloth	1 No.
• Installation Instruction Manual	1 No.

BILL OF MATERIAL STD. PACKING KIT (● + ■)

- 🔧 Cable Components
- Kit Components
- Installation aids & Accessories (Part of std. kits)

Electrical Performance

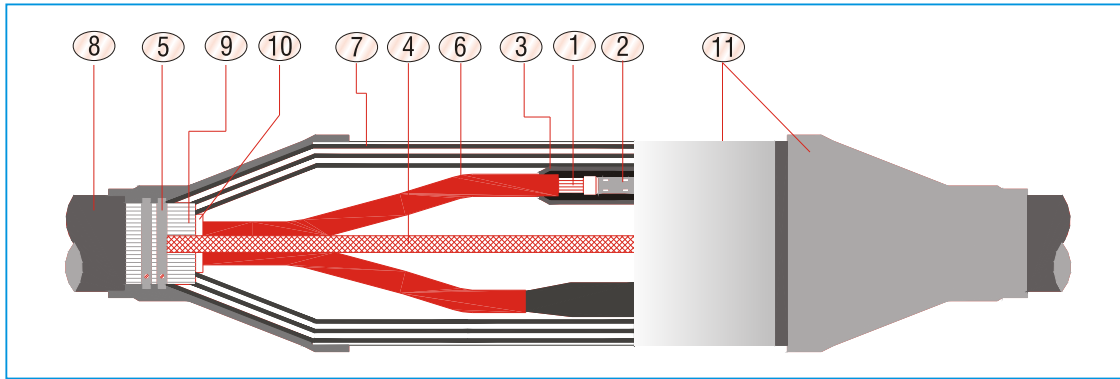
Tests	1.1KV	3.3KV System
AC Voltage Withstand	3.5 KV / 5 Minute	5KV / 5 Minute
DC Voltage Withstand	15 KV / 15 Minute	20 KV / 15 Minute

Note

- All kits are supplied with full kit contents for making a L V Terminations.

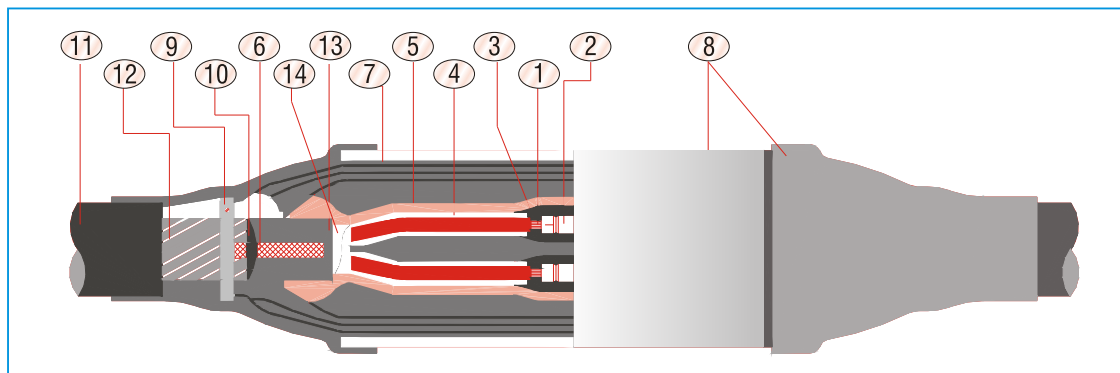
Ordering Informations

Cable Size (Sq mm)	Kit Code 1.1 KV	Kit Code 3.3 KV
4 x 16 - 35	YLT-01	YLT-11
4 x 50 - 95	YLT-02	YLT-12
4 x 120 - 185	YLT-03	YLT-13
4 x 225 - 300	YLT-04	YLT-14
4 x 400 - 500	YLT-05	YLT-15



1.1kV XLPE/PVC Straight Through Joint

- | | | | |
|----------------------------------|---------------------------------|--------------------------|-----------------------------|
| 1. Conductor (Aluminium/copper) | 4. Armour Continuity Connection | 7. Wraparound Joint Case | 10. Inner Sheath |
| 2. Inline Connector (ferrule) | 5. Worm Drive Clamps | 8. Outer Sheath | 11. Outer Jacketing Sleeves |
| 3. Insulation Sleeve | 6. Cable Insulated Core | 9. Cable Armour | |



1.1kV PILC Straight Through Joint

- | | | | |
|----------------------------------|---|------------------|------------------------|
| 1. Conductor (Aluminium/copper) | 5. Inner Protective Tubing | 9. Cable Armour | 13. Lead Sheath |
| 2. Inline Connector (ferrule) | 6. Armour/lead Sheath Continuity System | 10. Plumb | 14. Paper Inner Sheath |
| 3. Insulation Sleeve | 7. Wraparound Joint Case | 11. Outer Sheath | |
| 4. Oil Barrier Tubing | 8. Outer Jacketing Sleeve | 12. Armour | |

Electrical Performance

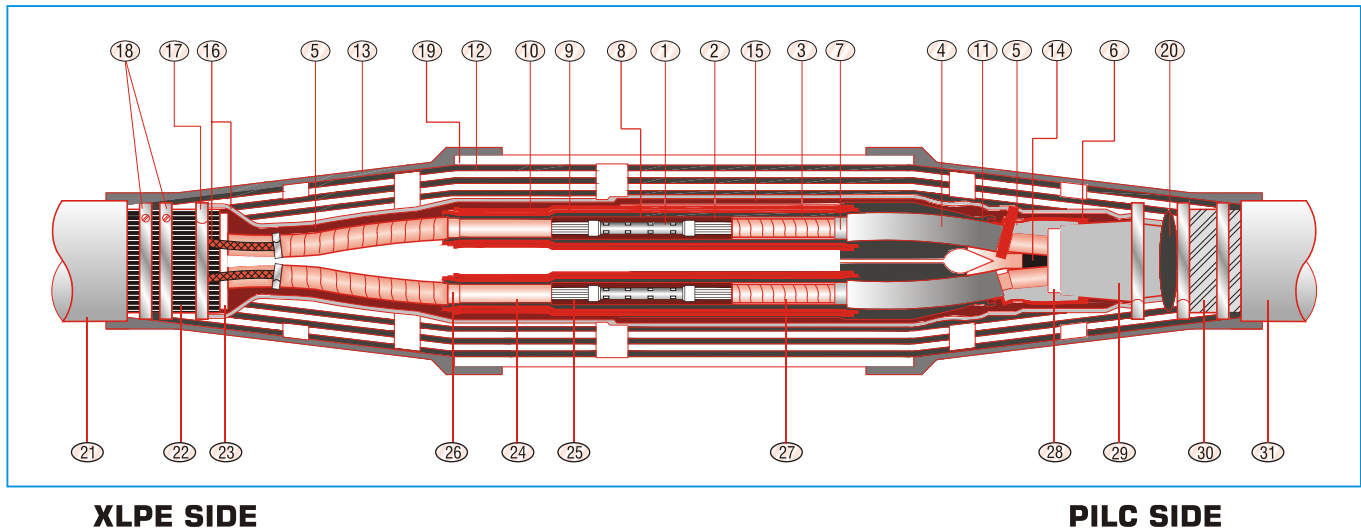
Tests	1.1KV	3.3KV System
AC Voltage Withstand	3.5 KV / 5 Minute	5KV / 5 Minute
DC Voltage Withstand	15 KV / 15 Minute	20 KV / 15 Minute

Note

- All kits are supplied with full kit contents for making a joint.
- Galvanised mesh application is an alternative design replacing wraparound joint case.

Ordering Informations

Cable Size (Sq mm)	Kit Code 1.1kV	Kit Code 3.3KV
4x1.5 - 6	YXLT-1	YXLT-11
4x10 - 16	YXLT-2	YXLT-12
4x25 - 50	YXLT-3	YXLT-13
4x70 - 150	YXLT-4	YXLT-14
4x185 - 400	YXLT-5	YXLT-15



XLPE SIDE

PILC SIDE

Kit Components

No.	Descriptions	Qty.	No.	Descriptions	Qty.
1.	Inline Connector (Barrier Type)	3 Nos.	11.	H. S. Compression Tubings	3 Nos.
2.	Stress Relif Mastic	6 Nos.	12.	Metallic Protection case/Wraparound Joint case (Alternatively G. I. Mesh Tape for mechanical protection is a New concept).	1 No.
3.	H. S. Oil Barrier Sleeve	3 Nos.	13.	H. S. Adhesive Lined Side Sleeve	2 Nos.
4.	H. S. Conducting Tubing	3 Nos.	14.	Insulating wedge EPDM	1 No.
5.	High Permittivity Void filler	1 No.	15.	Tinned Copper Mesh Tape	3 Nos.
6.	H. S. Conducting Breakout	1 No.	16.	Tinned Copper Earth Braid	1 No.
7.	Stress Relif Mastic (For S. C.) Cut end of XLPE conducting tubing	6 Pcs.	17.	Constant Force Spring Clamp/(Solder + Flux).	1 Set.
8.	H. S. Stress Control Tubing	3 Nos.	18.	Jubilee Clamps.	6 Nos.
9.	H. S. Insulation Tubings.	3 Nos.	19.	H. S. Outer Jackting Tubing(Centre)	1 No.
10.	H. S. Screened Tubing (Dual Wall Red + conducting) (Alternatively Seperte Insulation & Conducting Tubings).	3 Nos.	20.	Plumbing Metal	1 Set.

Cable Components

No.	Descriptions	No.	Descriptions
21.	PVC Outer Sheath.	27.	Paper Insulation Cover.
22.	Armour.	28.	Paper Belting(Inner Sheath).
23.	Inner Sheath.	29.	Lead Sheath.
24.	XLPE Insulations.	30.	Steel Armour.
25.	Conductor.	31.	Jute Impregnated Outer Sheath.
26.	Semi con Layer.		

Installation aids & Accessories (Part of std. Kits)

Descriptions	Qty.
• Nylon String for Cutting XLPE Insulation	1 No.
• Aloxite Emery Tap	3 Nos.
• Mopping Cloth	1 Pc.
• Silicon Grease	3 Pcs.
• Cleaning Tissue	6 Pcs.
• Mastic Sealing Tape	2 Nos.
• Copper binding wire	1 Roll.
• Instruction Manual	1 No.

BILL OF MATERIAL STD. PACKING KIT (● + ■)

● Cable Components	■ Kit Components
● Installation aids & Accessories (Part of std. kits)	

Electrical Performance

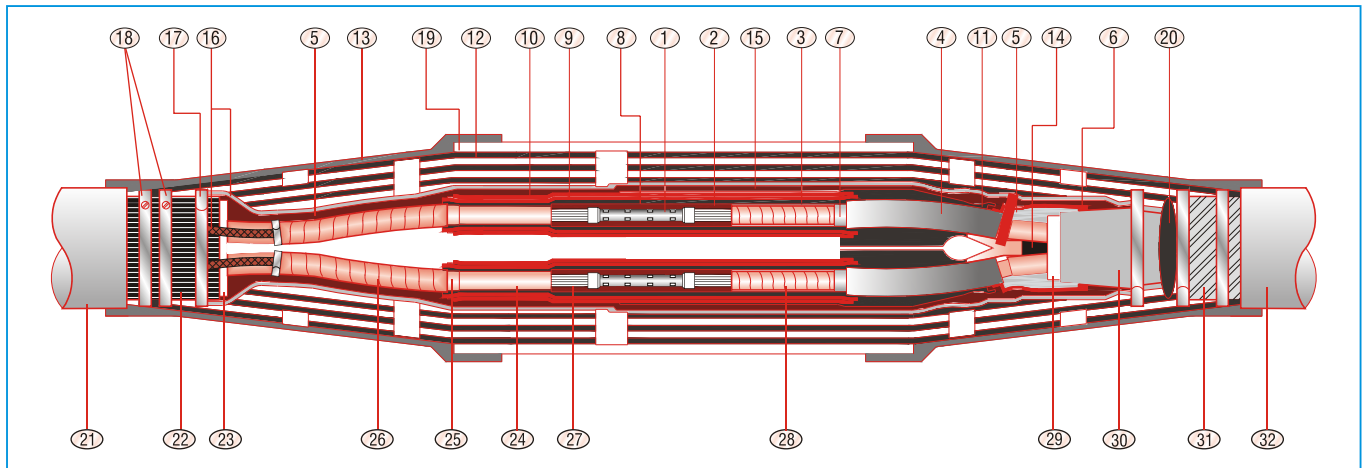
Tests	Requirement	Typical value
AC Dry Withstand voltage	35KV/1 Minute	Pass
D.C. Voltage withstand test	48KV / 30 Minutes	Pass
Lightening Impulse withstand Voltage	75 KV	95 KV

Ordering Informations

Cable Size (Sq mm)	Kit Code
3x16-35	YTJ-11
3x50-95	YTJ-12
3x120-185	YTJ-13
3x240-300	YTJ-14
3x400-500	YTJ-15
3x630	YTJ-16

Note

- All kits are supplied with full kit contents for making a transition joint.



XLPE SIDE

PILC SIDE

Kit Components

No.	Descriptions	Qty.	No.	Descriptions	Qty.
1.	Inline Connector (Barrier Type)	3 Nos.	11.	H. S. Compression Tubings	3 Nos.
2.	Stress Relif Mastic	6 Nos.	12.	Metallic Protection case/Wraparound Joint case (Alternatively a G I Mesh Tape for mechanical protection-A New concept).	1 No.
3.	H. S. Oil Barrier Sleeve	3 Nos.	13.	H. S. Adhesive Lined Side Sleeve	2 Nos.
4.	Semi-conducting Tubing	1 No.	14.	Insulating wedge EPDM	1 No.
5.	High Permittivity Void filler	1 No.	15.	Tinned Copper Mesh Tape	3 Nos.
6.	H. S. Conducting Breakout	1 No.	16.	Tinned Copper Earth Braid	1 No.
7.	Stress Control Mastic at semi con Cut end XLPE side and of semi-conducting tubing at PILC side.	6 pcs.	17.	Constant Face Spring Clamp/Solder + Flux .	1 Set.
8.	H. S. Stress Control Tubing	3 Nos.	18.	Jubilee Clamps.	2 Nos.
9.	H. S. Insulation Tubings. * 15 - 24 KV - * 36 KV -	6 Nos. 9 Nos.	19.	H. S. Outer Jackting Tubing(Centre)	1 No.
10.	H. S. Screened Tubing (Dual Wall) (Alternatively seperte Insulation & Conducting Tubings).	3 Nos.	20.	Plumbing Metal	1 Set.

Cable Components

No.	Descriptions	No.	Descriptions
21.	XLPE Cable Outer Sheath.	27.	Conductor.
22.	Armour.	28.	Paper Insulation.
23.	Inner Sheath.	29.	Paper Inner Sheath.
24.	XLPE Insulations.	30.	Lead Sheath.
25.	Semi-Conducting Screen.	31.	Steel Armour.
26.	Copper Screen.	32.	Paper Cable Outer Sheath.

Installation aids & Accessories (Part of std. Kits)

Descriptions	Qty.
• Nylon String for Cutting XLPE Insulation	1 No.
• Aloxite Emery Tape	3 Pcs.
• Mopping Cloth	1 Pc.
• Silicon Grease	3 Pcs.
• Cleaning Tissue	6 Pcs.
• Mastic Sealing Tape	2 Nos.
• Copper binding wire	1 Roll.
• Instruction Manual	1 No.

BILL OF MATERIAL STD. PACKING KIT (● + ■)

- Cable Components
 ■ Kit Components
 ● Installation aids & Accessories (Part of std. kits)

Electrical Performance

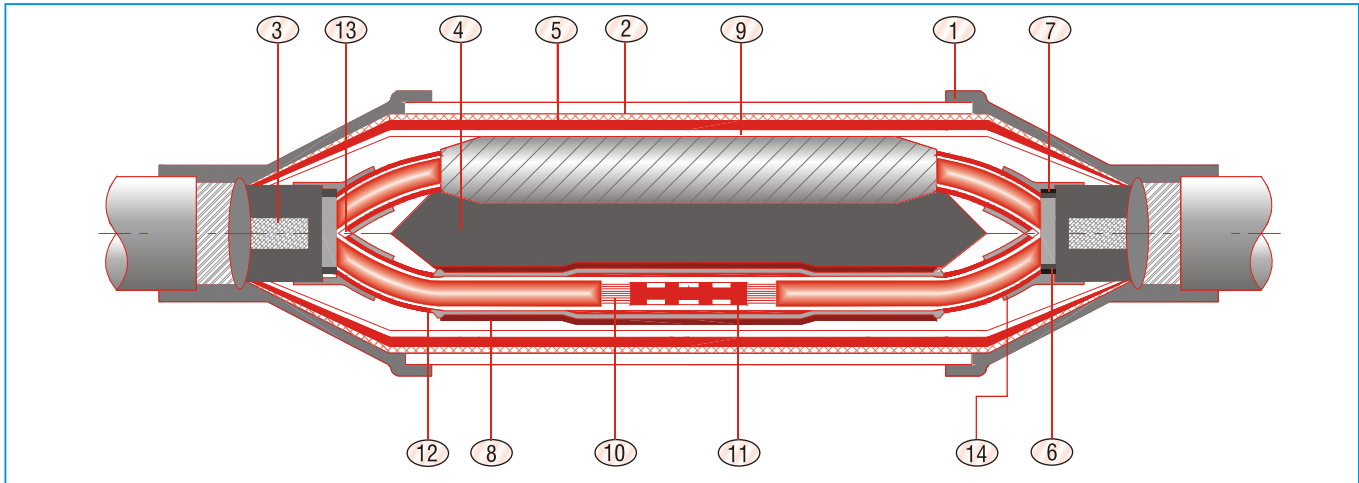
Tests	15-24KV System (8.7/15KV,11/11KV,12.7/22KV)	36 KV (19/33KV)
AC Dry Withstand voltage	50Kv/1 Minute	75KV/1 Minute
D.C. Voltage withstand test	96 KV / 30 Minutes	144 KV / 30 Minutes
Lightening Impulse withstand Voltage	125 KV	170 KV

Note

- All kits are supplied with full kit contents for making a transition joint.

Ordering Informations

15-24 KV		36 KV	
Cable Size (Sq mm)	Kit Code	Cable Size (Sq mm)	Kit Code
25-50	YTJ-21	35-70	YTJ-31
70-95	YTJ-22	95-150	YTJ-32
120-150	YTJ-23	185-300	YTJ-33
185-300	YTJ-24	400	YTJ-34
400-500	YTJ-25	---	---



- | S. No. | Description |
|--------|---|
| 1. | Heat Shrinkable Adhesive Lined Outer Jacketing Sleeve |
| 2. | G. I. Wire Mesh |
| 3. | Armour/lead Sheath Earthing Matl. (Copper Braid + Plumbing Metal + Flux + Copper Binding Wire). |
| 4. | Polymeric Core Separator. |
| 5. | Copper Woven Flexible Mesh Tape |

- | S. No. | Description |
|--------|---|
| 6. | Glass Cushion Tape |
| 7. | Heat Shrinkable Oil Barrier Sleeve |
| 8. | Heat Shrinkable Insulating Tubing |
| 9. | Heat Shrinkable Internal Protection Sleeve |
| 10. | Insulation Built Up Mastic |
| 11. | Inline Connector (crimping Type) Ferrule Cu/al. |
| 12. | Oil Barrier Sleeves |
| 13. | Insulating Wedge |

- | S. No. | Description |
|--------|---------------------|
| 14. | Mastic Sealing Tape |
| 15. | Cleaning Solvent * |
| 16. | Mopping Cloth * |
| 17. | PVC - Na - Tape * |
| 18. | Silicon Grease * |
| 19. | Emery Sheet * |
- * Installation Aids & Part Of Std. Kit

Electrical Performance

Tests	Requirement	Typical value
AC Dry Withstand voltage	35KV/1 Minute	Pass
D.C. Voltage withstand test	48KV / 30 Minutes	Pass
Lightening Impulse withstand Voltage	75 KV	95 KV

Note

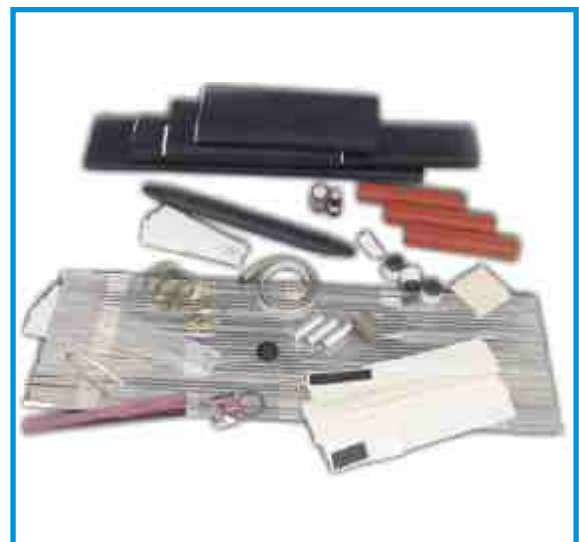
- All kits are supplied with full kit contents for making a straight through joint.

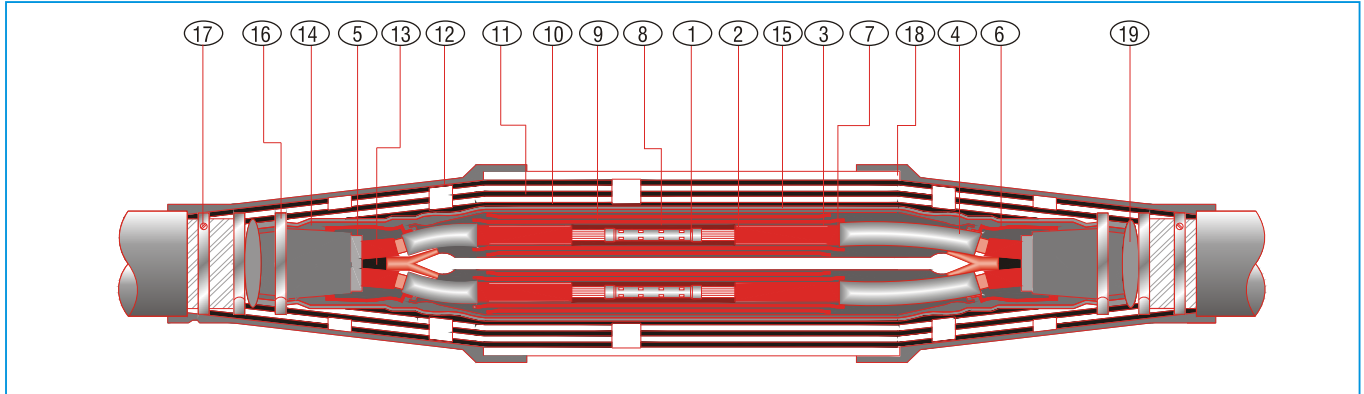
Conformance Standards

- BS 6480, IS : 692, IEC 502, IEC 55 (Part I & II)

Ordering Informations

Cable Size (Sq mm)	Kit Code
16-35	YPS-11
50-95	YPS-12
120-185	YPS-13
240-400	YPS-14
500-630	YPS-15





S. No. Description

1. Inline Connector
2. Stress Control Mastic
3. Oil Barrier Sleeve
4. Conducting Tube (Black)
5. Void Foiler
6. Conducting Breakout
7. Grey Mastic

S. No. Description

8. Stress Control Tubing (Black)
9. Insulating Tube (Red)
10. Dual Wall Tubing (Black + Red)
11. Metallic Protection Cage
12. Adhesive Lined Side Sleeve
13. Insulating Wedge
14. Copper Mesh Tape

S. No. Description

15. Earth Lead
16. Constant Force Spring Clamp
17. Worm Drive Clamp
18. Outer Jacketing Sleeve
19. Earthing Plumb

Electrical Performance

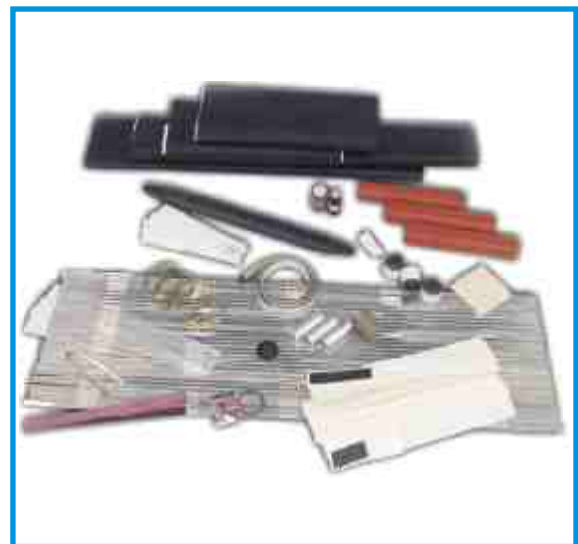
Tests	15-24KV System (8.7/15KV, 11/11KV, 12.7/22KV)	36 KV (19/33KV)
AC Dry Withstand voltage	50Kv/1 Minute	75KV/1 Minute
D.C. Voltage withstand test	96 KV / 30 Minutes	144 KV / 30 Minutes
Lightening Impulse withstand Voltage	125 KV	170 KV

Note

- All kits are supplied with full kit contents for making a straight through joint.

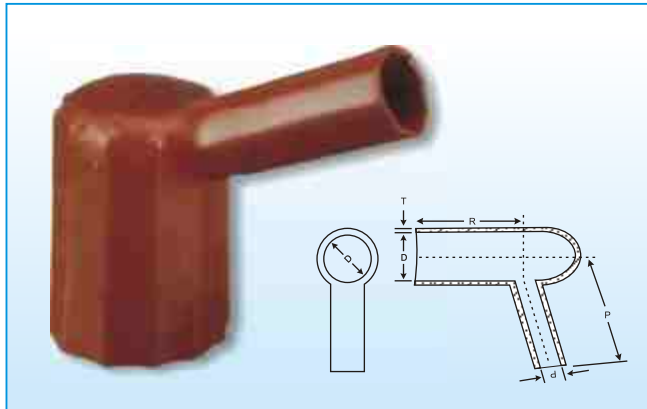
Ordering Informations

24KV		36KV	
Cable Size (Sq mm)	Kit Code	Cable Size (Sq mm)	Kit Code
25-50	YPS-21	35-70	YPS-31
70-120	YPS-22	95-150	YPS-32
150-240	YPS-23	185-300	YPS-33
300-500	YPS-24	400- ---	YPS-34



Heat Shrinkable Moulded Shapes

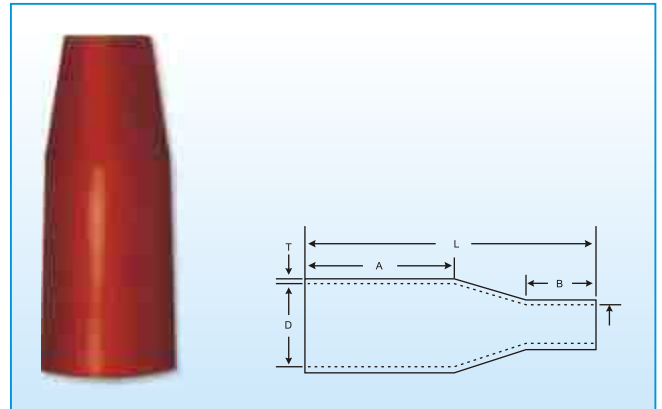
Heat Shrinkable Right Angle Boot



Standard Size

Product Code	D		d		P	R	T
	E	S	E	S	S	S	S
YRAB - 1	77	36	37	16	150	130	3.8
YRAB - 2	77	37	50	27	164	130	4.5
YRAB - 2A	90	37	67	27	164	130	4.5
YRAB - 3	145	72	70	34	160	150	5.0

Heat Shrinkable Straight Boot



Standard Size

Product Code	D		E		A	L	B	T
	E	S	E	S				
YSB - 1	80	36	36	21.5	140	230	45	3.6
YSB - 2	80	36	58	21.5	140	225	45	3.6
YSB - 3	140	65	90	33	140	325	45	4.2

Heat Shrinkable Anti-tracking Cable Breakout



Standard Size

Product Code	As Supplied (mm)				After Free Recovery (mm)					
	Body		Finger		Body		Finger			
	D	L	d	I	D	Thick	L	d	Thick	I
YIBR -820	50	170	24	56	22	3.2	180	8.5	2.6	56
YIBR -1330	80	200	40	56	36	3.8	215	11.1	3.0	69
YIBR -2145	110	212	54	77	50	4.2	235	21.0	3.6	86
YIBR -2755	135	230	68	79	58	3.6	260	29.0	2.8	90

L = Break-out Body Length, D = Break-out Body Dia
I = Break-out Finger Length, d = Break-out Finger Length

Heat Shrinkable Two, Three & Four Way Cable Breakout



Standard Size

Product Code	No. Of Core	D		d		L		I		TB	TF
		S	F	S	F	S	F	S	F	F	F
YLV2CBB-0410	2	30	10	12	4	70	95	18	28	2.0	2.0
YLV3CBB-0413	3	37	13	14	4	85	117	18	31	2.2	1.4
YLV3CBB-0820	3	50	22	24	8.5	170	180	56	56	3.2	2.6
YLV3CBB-1330	3	80	36	40	11.1	200	215	56	69	3.8	3.0
YLV3CBB-2145	3	110	50	54	21	212	235	77	86	4.2	3.6
YLV3CBB-2755	3	135	58	68	29	230	260	79	90	3.6	2.8
YLV4CBB-0415	4	40	18	13	4.5	86	96	19	22	2.0	1.9
YLV4CBB-0821	4	55	27	20.3	7.3	145	169	34	46	3.2	2.5
YLV4CBB-0825	4	67	29	26	7.2	145	166	32	44	3.2	2.5
YLV4CBB-0925	4	66	31	25	8.3	155	183	33	45	3.2	2.5
YLV4CBB-1334	4	90	44	34	13.5	176	210	38	48	3.5	2.7
YLV4CBB-1334(E)	4	95	42	38	13.2	185	220	47	54	3.8	2.9
YLV4CBB-2454	4	120	40	45	14	170	220	30	48	4.5	3.3

Heat Shrinkable Busbar Insulation Tubing (Red & Brown)



Standard Size

Product Code	Internal Diameter Expanded Position	Internal Diameter In Full Shrink	Wall Thickness in Full Shrink Position
YBBT 30 / 10	30	10	3.0
YBBT 35 / 12	35	12	3.0
YBBT 40 / 16	40	16	3.0
YBBT 45 / 18	45	18	3.0
YBBT 50 / 20	50	20	3.0
YBBT 65 / 25	65	25	3.0
YBBT 75 / 30	75	30	3.0
YBBT 85 / 35	85	35	3.0
YBBT 100 / 40	100	40	3.0
YBBT 120 / 50	120	50	3.0
YBBT 150 / 60	150	60	3.0

Heat Shrinkable End-Cap



Standard Size

Product Code	D Max.	d Max.	L	T	Cable Range
YEC - 001	10	4	33	2.0	4 - 8
YEC - 101	20	7.5	55	2.3	8 - 16
YEC - 102	30	10.5	70	2.8	10- 30
YEC - 201	40	15	90	3.0	15- 35
YEC - 301	55	25	125	3.3	25- 47
YEC - 401	75	35	140	3.5	35- 68
YEC - 501	100	45	160	3.7	45- 90
YEC - 601	130	63	160	3.5	64-120
YEC - 701	158	63	160	4.2	64-145

Heat Shrinkable Busbar Insulation Tape



Standard Size

Product Code	As Supplied width mm	As Supplied thickness mm	Standard length m
YBBIT - 1	25	1.0	5 or 10
YBBIT - 2	50	1.0	5 or 10
YBBIT - 3	100	1.0	5 or 10

Heat Shrinkable Creepage Extension Shed (Rain-Shed)



Standard Size

Product Code	Dia A	Dia d E. Min.	Dia d S. Max.	H E. Min.	Thickness (S) Min.
YPQ-130-1	93	37	16	26	2.5
YPQ-130-2	125	50	21	31	2.8
YPQ-130-3	143	66	31	35	2.8

Performance Particulars of YPTKITS Heat Shirnkable Joints & Termination for XLPE Insulated Cables Upto 36KV

Test Sequence	Parameter for Evaluation	Test Voltage Highest Voltage Umax (Kv)				Result
		7.2	12	24	36	
Conductor Resistance	1S : 10810 (Parts)	-	-	-	-	Resistance shall be computed and corrected at 20°C and recorded
Impact Test	Clause 6.1 of IS : 13573	-	-	-	-	There shall be no visible damage
A.C. Voltage withstand (Dry)	1 min	27	35	55	75	No breakdown and no flashover
AC Voltage withstand (Wet)	1 min	20	28	50	70	No breakdown and no flashover
Partial Discharge	---	2U _o	2U _o	2U _o	2U _o	≤ 20pC
Impulse Voltage withstand	10 positive and 10 negative, 1.2/50 uS, between each conductor and the grounded screen	60	75	125	170	No breakdown and no flashover
Load Cycling	3 cycles 5h heating, 3h cooling Conductor temperature: 5+ operating temperature	9.5	16	32	50	No breakdown and no flashover
Partial Discharge	---	2U _o	2U _o	2U _o	2U _o	≤ 20pC
Load Cycling	60 cycles 5h heating, 3h cooling Conductor temperature: 5+ operating temperature	9.5	16	32	50	No breakdown and no flashover
Thermal Short Circuit	1 sec symmetrical fault with conductor temperature as for cable specification 1 sec earth fault with screen or armour temperature as for cable specification	-	-	-	-	No visible signs of damage
Load cycling	63 cycles 5h heating, 3h cooling Conductor temperature: 5+ operating temperature	9.5	16	32	50	No breakdown and no flashover
Conductor Resistance	---	-	-	-	-	10% more than initial reading
Impulse voltage withstand	10 positive and 10 negative, 1.2/50mS, between each conductor and the grounded screen	60	75	125	170	No breakdown and no flashover
D.C. Voltage withstand	30 min	28	48	96	144	No breakdown and no flashover
Humidity indoor terminations	Conductivity 70±10 mS/m, 300 hour spray rate: 0.4 litre/m ³ /h	4.5	7.5	15	22.5	No breakdown and no flashover, no visible tracking and no erosion
Dynamic Short Circuit	63kA	-	-	-	-	No visible signs of damage
Salt-fog outdoor termination	Conductivity 1600±200mS/m, 1000 hour	4.5	7.5	15	22.5	No flashover

Notes : Um is the highest phase to phase voltage. All other voltage are stated as phase to ground values.
Right to change any specification is reserved due to product upgradation.



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