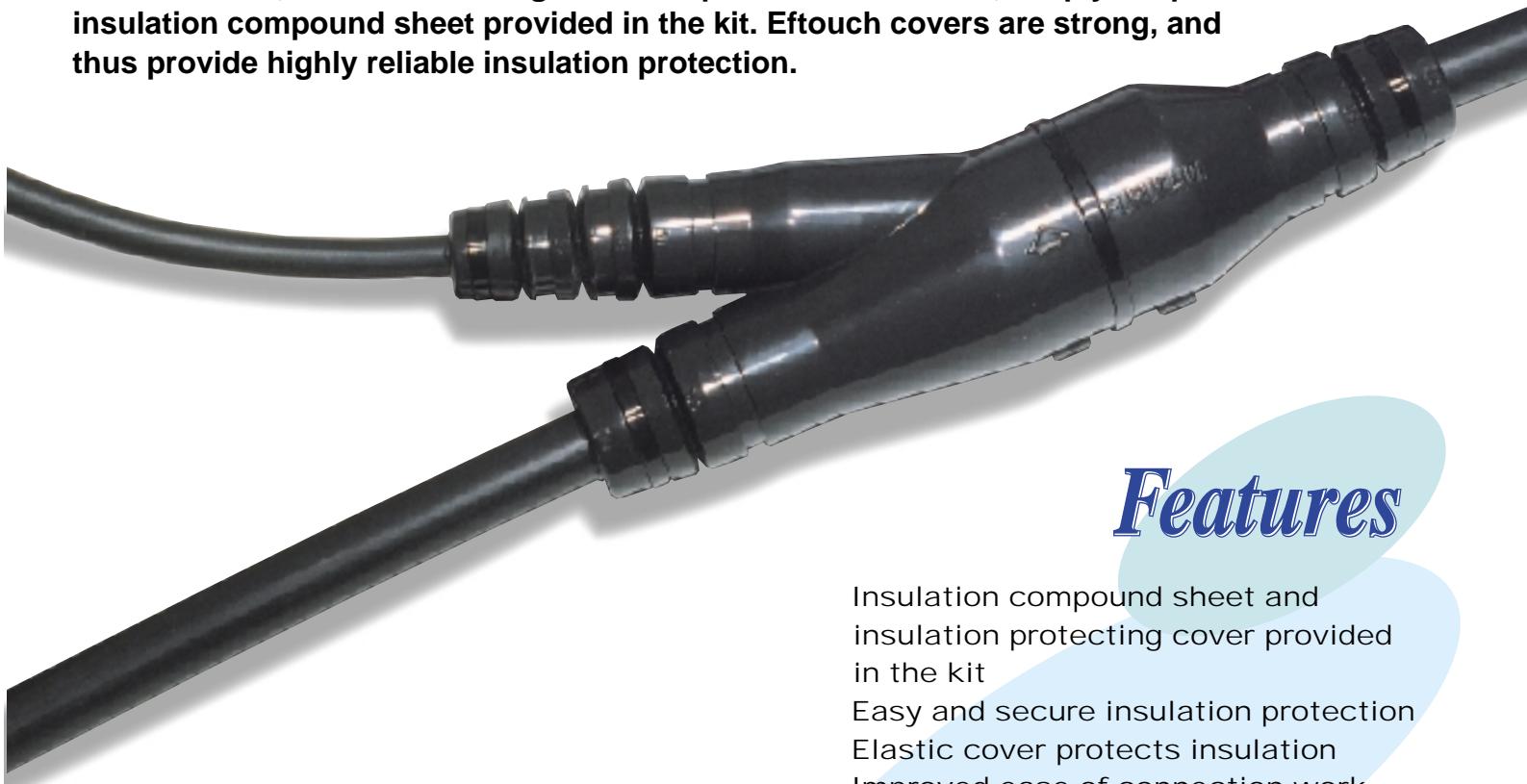


Cables can be connected easily and securely

Highly Reliable Insulation Protecting Material

The number of major power lines in use has grown dramatically. With the demand for on-site cable joints increasing, the environmental constraints for cable laying have grown tougher. Eftouch Covers provide compact, yet reliable and easy-to-use, on-site insulation protection for cable joints.

For insulation, instead of having to wind tape around the cable, simply wrap the insulation compound sheet provided in the kit. Eftouch covers are strong, and thus provide highly reliable insulation protection.



Kit Contents

No connector included in the kit

| Parts | Amount (one set for each phase) | |
|---------------------------|---------------------------------|--------------|
| | Straight Joint | Branch Joint |
| Protection Cover | 1 piece | 1 piece |
| Binding Band | 3 pieces | 4 pieces |
| Insulation Compound Sheet | 1 sheet | 1 sheet |

Straight Joint



Features

Insulation compound sheet and insulation protecting cover provided in the kit

Easy and secure insulation protection
Elastic cover protects insulation
Improved ease of connection work and stable joints

Water-resistant
Conforms with JIS C 0920 protection level three (rain proof)

Branch Joint



Simply using Eftouch covers.

trial

Application

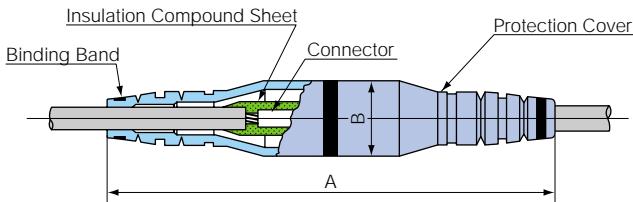
Straight joint and branch joint covers can be used for low-voltage cables in office buildings, large-scale condominiums, hotels, factories, schools, and the like.

Applicable to : Low-voltage XLPE cables
(Single-core, Duplex, Triplex, Quadruplex)

CAUTION : Do not use Eftouch Covers for connecting emergency power-supply wires (fireproof wires, etc.). Do not use Eftouch Covers underwater. If it is necessary to use Eftouch Covers in shafts with gas pipes, where explosion-proof characteristics are required, please contact us.

Dimensions and Selection

Straight Joint



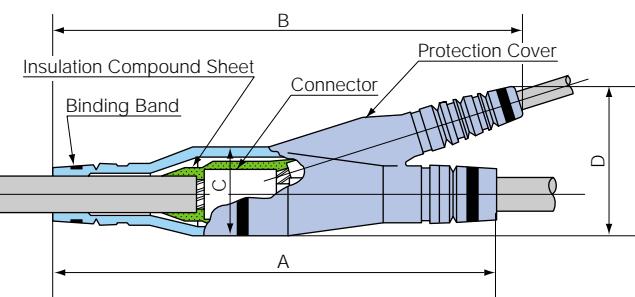
Notes:

- 1) A is the maximum dimension.
- 2) The size is shown near the outlet of the cable.
- 3) Cut the cover at the size indication that matches the cable size.
- 4) NJ-1 and NJ-2 have slightly different shapes from the above.

| Type | Size of Conductor (mm ²) | Dimensions (mm) | |
|------|--------------------------------------|-----------------|----|
| | | A | B |
| NJ-0 | 22/38/60 | 236 | 42 |
| NJ-1 | 150 under | 230 | 60 |
| NJ-2 | 325 under | 260 | 78 |

Other sizes are available. Please contact us.

Branch Joint



Notes:

- 1) A, B, and D are the maximum dimensions.
- 2) The size is shown near the outlet of the cable.
- 3) Cut the cover at the size indication that matches the cable size.
- 4) YJ-1, YJ-2, and YJ-3 have slightly different shapes from those indicated in the above diagram.

| Type | Size of Conductor (mm ²) | Dimensions (mm) | | | |
|-------|--------------------------------------|------------------------|--------|-----|-----|
| | | Main | Branch | A | B |
| YJ-SS | 22/38/60 | 14/22/38 | 255 | 240 | 48 |
| YJ-S | 100/150 | 14/22/38/60 | 235 | 250 | 56 |
| YJ-1 | 200 | 22/38/60 | 205 | 223 | 61 |
| YJ-2 | 250 | 60/100/150 | 220 | 246 | 71 |
| YJ-3 | 325 | 100/150/200 250/325 | 280 | 310 | 86 |
| | | | | | 123 |

Other sizes are available. Please contact us.

No connectors are included in this kit.

See the following tables to select the appropriate type of connector.

Type C 「Connectors for Branch Joints」

| Nominal | Total Size of Conductor (mm ²) | Nominal | Total Size of Conductor (mm ²) |
|---------|--|---------|--|
| 44 | 27 ~ 44 | 240 | 191 ~ 240 |
| 60 | 45 ~ 60 | 288 | 241 ~ 288 |
| 76 | 61 ~ 76 | 365 | 289 ~ 365 |
| 98 | 77 ~ 98 | 450 | 366 ~ 450 |
| 122 | 99 ~ 122 | 560 | 451 ~ 560 |
| 154 | 123 ~ 154 | 700 | 561 ~ 700 |
| 190 | 155 ~ 190 | | |

Splicing Type-B 「Connectors for Straight Joints」

| Nominal | Size of Conductor (mm ²) |
|---------|--------------------------------------|
| 22 | 22 |
| 38 | 38 |
| 60 | 60 |
| 100 | 100 |
| 150* | 150 |
| 200* | 200 |
| 325* | 250 ~ 325 |

Note : For information on other connectors, please contact us.

* : Not standardized

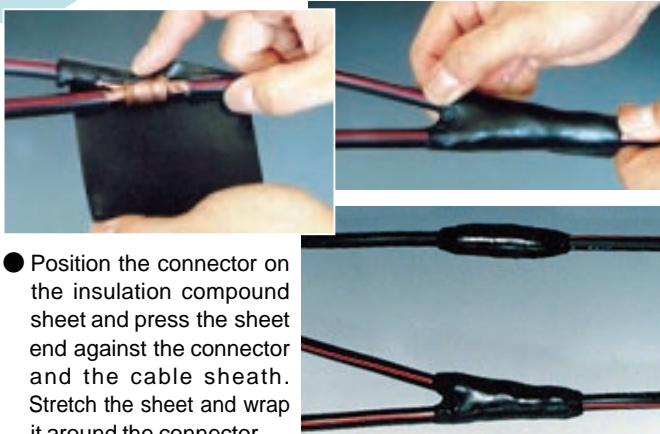
INSTRUCTIONS

1. Cable Connection



- Adjust the connection position of each phase according to the length of the covers, as shown in the picture, so that the covers will not interfere with each other.
- To ensure a strong bonding area, do not remove the sheath and insulator at the connector by more than the length of the connector plus 20mm.

2. Insulation Compound Sheet



- Position the connector on the insulation compound sheet and press the sheet end against the connector and the cable sheath. Stretch the sheet and wrap it around the connector.
- After wrapping, press all ends of the insulation compound sheet to ensure good adhesion.
When using a branch joint, press the insulation compound sheet carefully against the crotch to ensure good adhesion.
Make sure the area to be overlaid is completely covered by the insulation compound sheet.

3. Cover



- Cut the cover at the V-groove near the size indication that matches the cable size.
- Make sure the cable connection is straight, and mount the cover.
- Note : No temporary fixing mechanism is incorporated into NJ-1, NJ-2, YJ-1, YJ-2, or YJ-3.
- Tie the cover with binding bands at the center of the cover and the cable outlet.

4. Completion



CAUTION : READ THE INSTRUCTION MANUAL BEFORE BEGINNING THE WORK.



● Incorrect use of Eftouch Covers may lower the quality of insulation.



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