

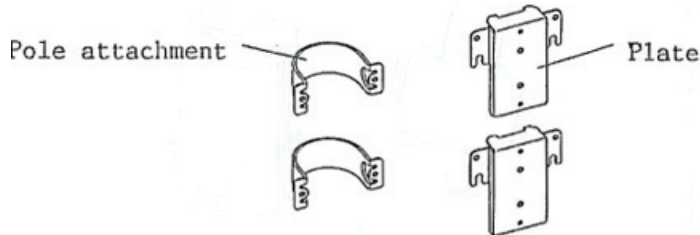
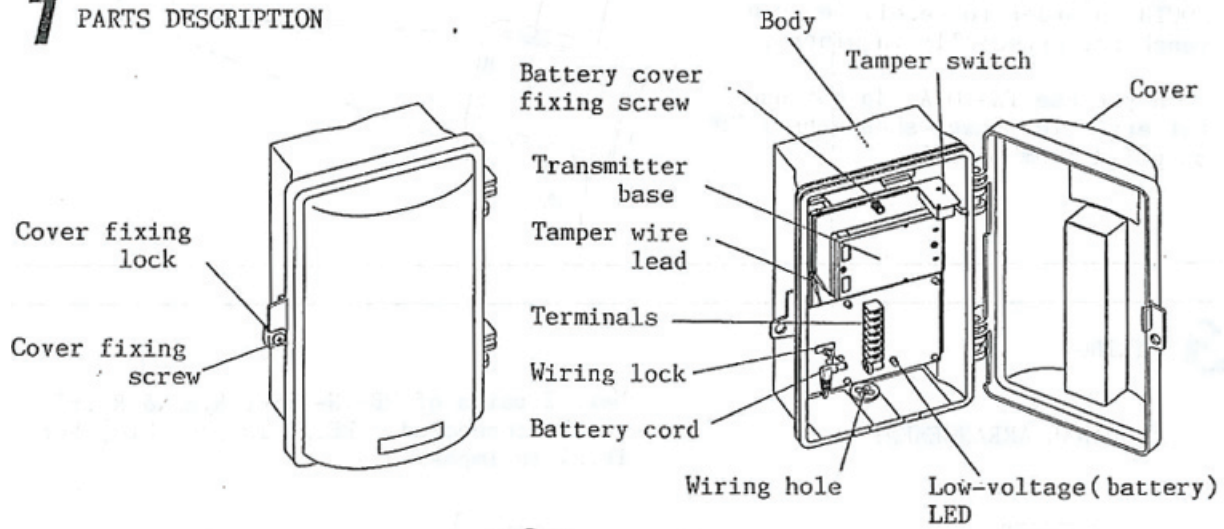
TAKEX

SOLAR PANEL & POWER SUPPLY UNIT

BA-6SL

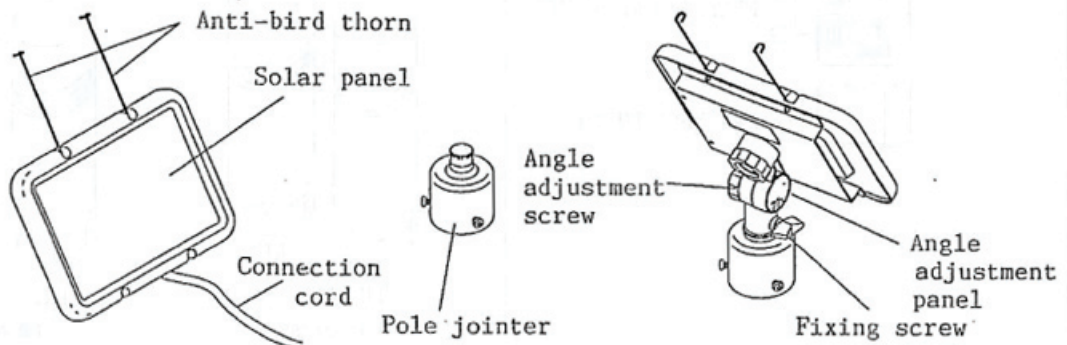
BA-6SL, solar panel and power supply unit is powered by solar battery, designed to use with PB-IN75SW, Low Current Intelligent Photoelectric Quad beams, and TX-102A, Low Current Wireless Transmitter and Receiver.

1 PARTS DESCRIPTION



● ACCESSORY

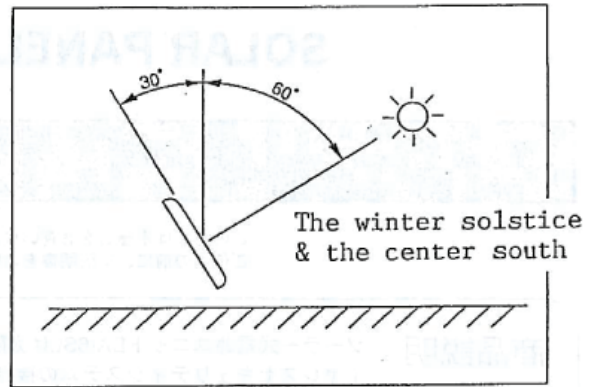
Screw	(M4×14)	2 pcs.
Screw	(M4×20)	4 pcs.
Screw	(φ4×30)	4 pcs.



2 Angle adjustment

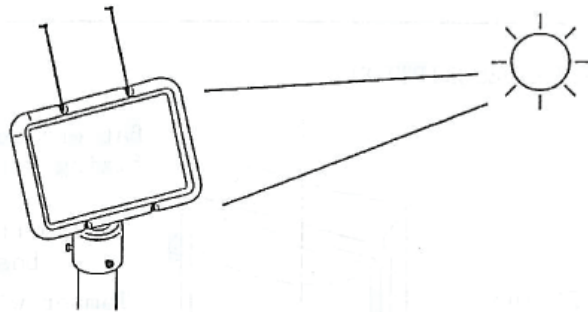
Loosen the Angle adjustment screw, and set Solar panel at 30 degree from perpendicularity. In Japan, the angle of sun is 60 degree when the winter solstice & the center south.

1 pitch of angle adjustment: 7.5 degree



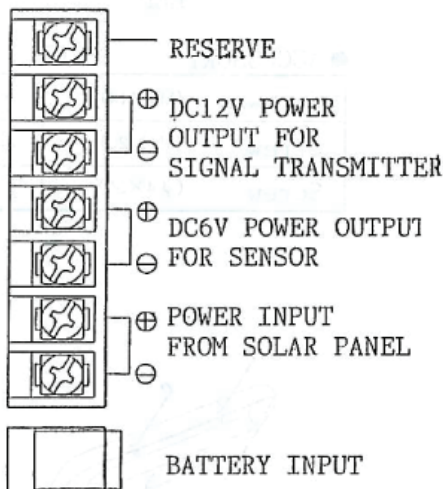
SOLAR PANEL should be directed to SOUTH in order to receive enough sunshine, especially in winter.

When you use TX-102A, do not use battery. The power should be 12VDC supplied from BA-6SL.

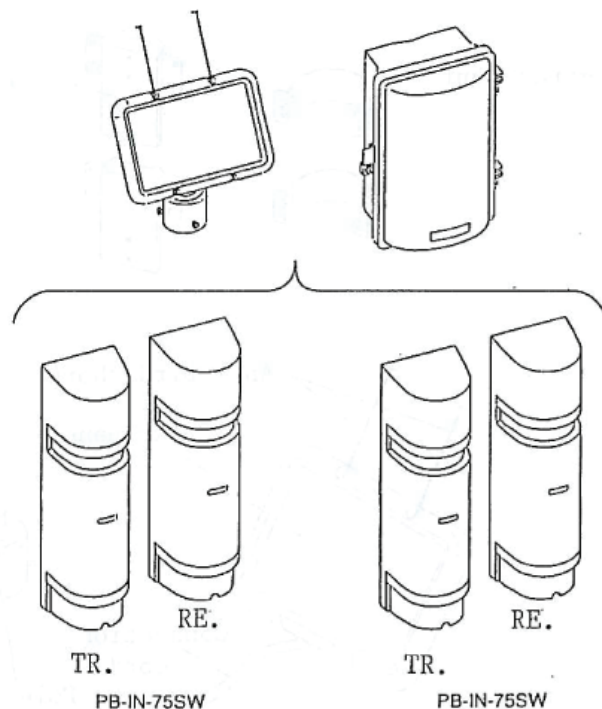


3 WIRING

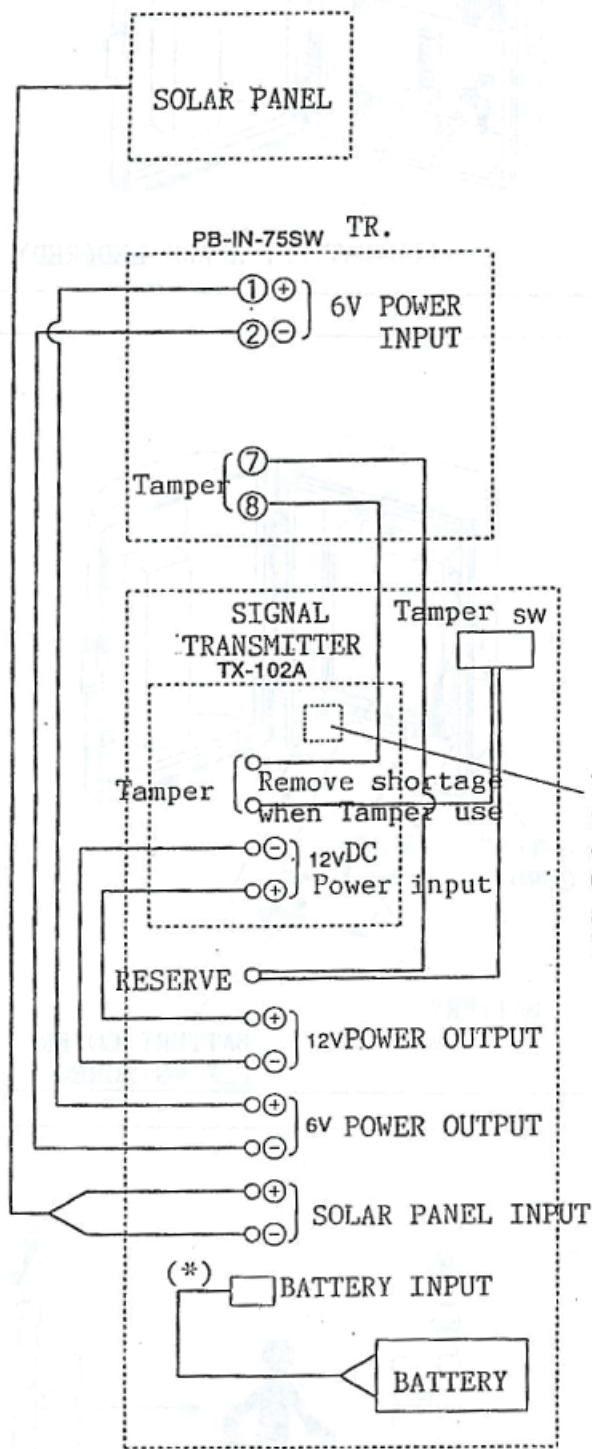
TERMINAL ARRANGEMENT



Max. 2 pairs of PB-IN-75SW(TR.x2 & RE.x2) can be connected. RE.x4 is possible, but TR.x4 is impossible.

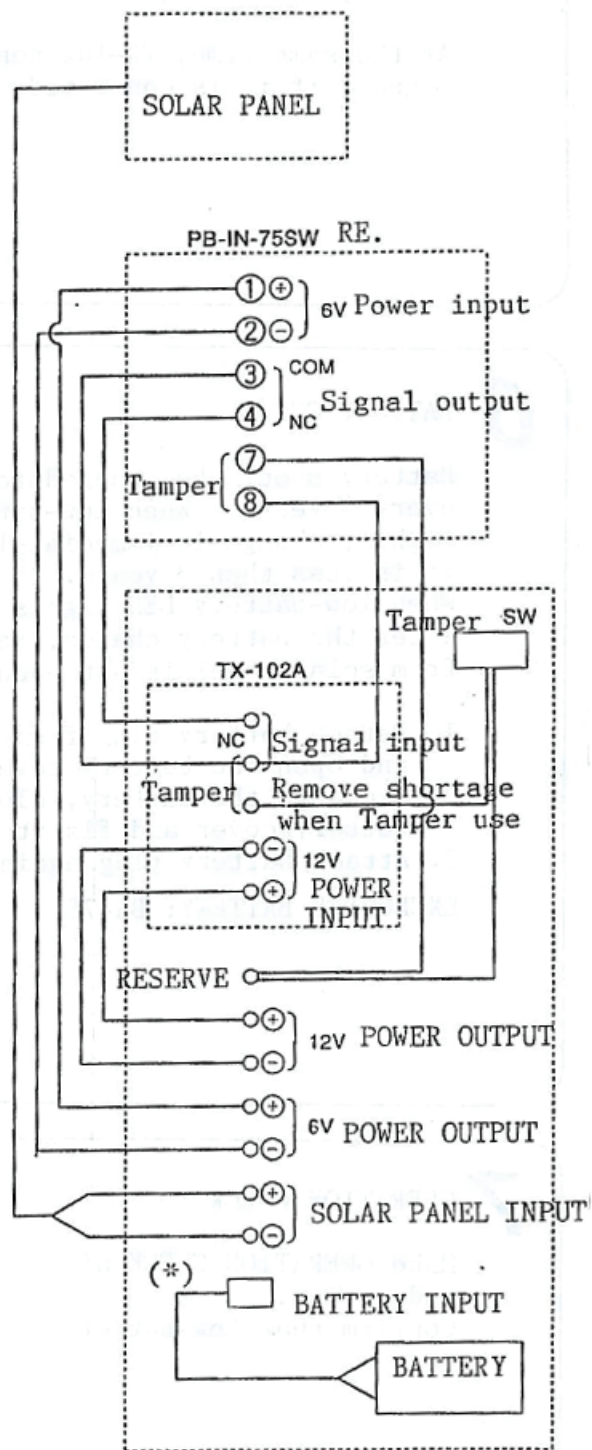


The Max. number of connection depends on the area and sunshine times.



BA-6SL

TRANSMITTER SIDE



BA-6SL

RECEIVER SIDE

When TX-102A is installed on TR. side, Contact mode switch should be "N/O".

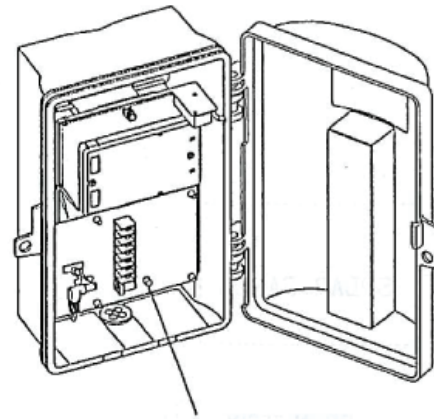
(*)To be connected at last, after all the wiring.

5 FUNCTION

BATTERY LOW-VOLTAGE ALARM

When the voltage of battery falls, battery low-voltage LED lights on.

At the same time, TX-102 sends a signal, if it is connected.



LOW-BATTERY ALARM LED(RE D)

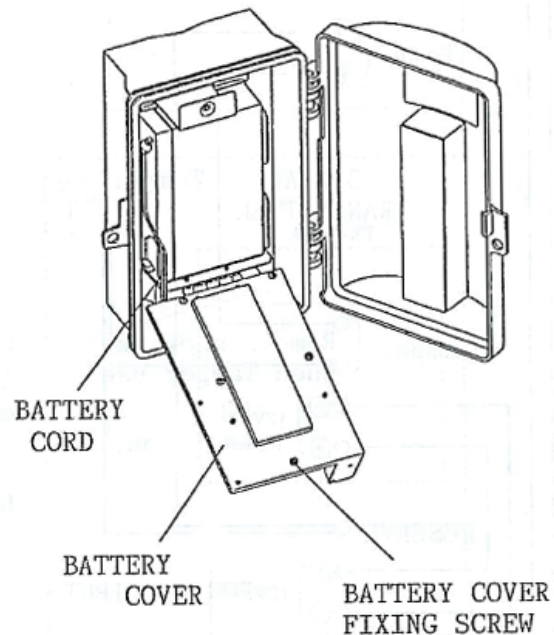
6 BATTERY CHANGE

Battery should be changed to new one every 3 years. When Low-battery LED lights, change it immediately even if it is less than 3 years.

When low-battery LED lights soon after the battery change, re-charge from solar panel is not enough.

1. Detach battery plug from socket, and open the battery cover.
2. Exchange the battery, close the battery cover and fix it with screw.
3. Attach battery plug again.

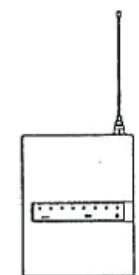
EXCLUSIVE BATTERY: BA-75



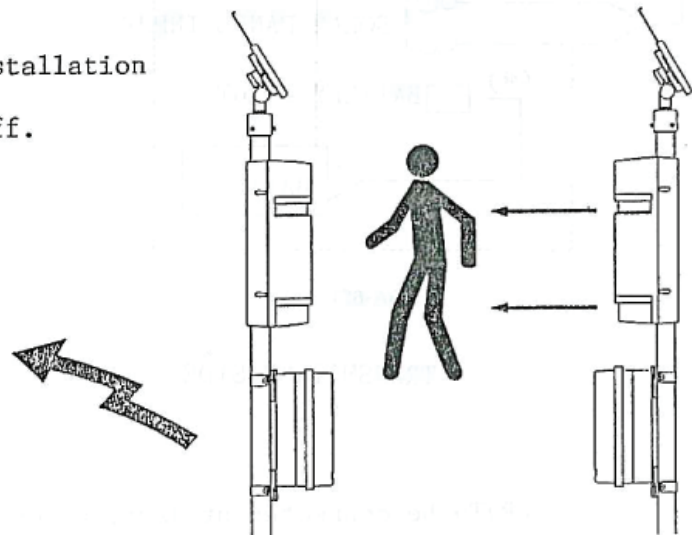
7 OPERATION CHECK

Make OPERATION CHECK after the installation and wiring.

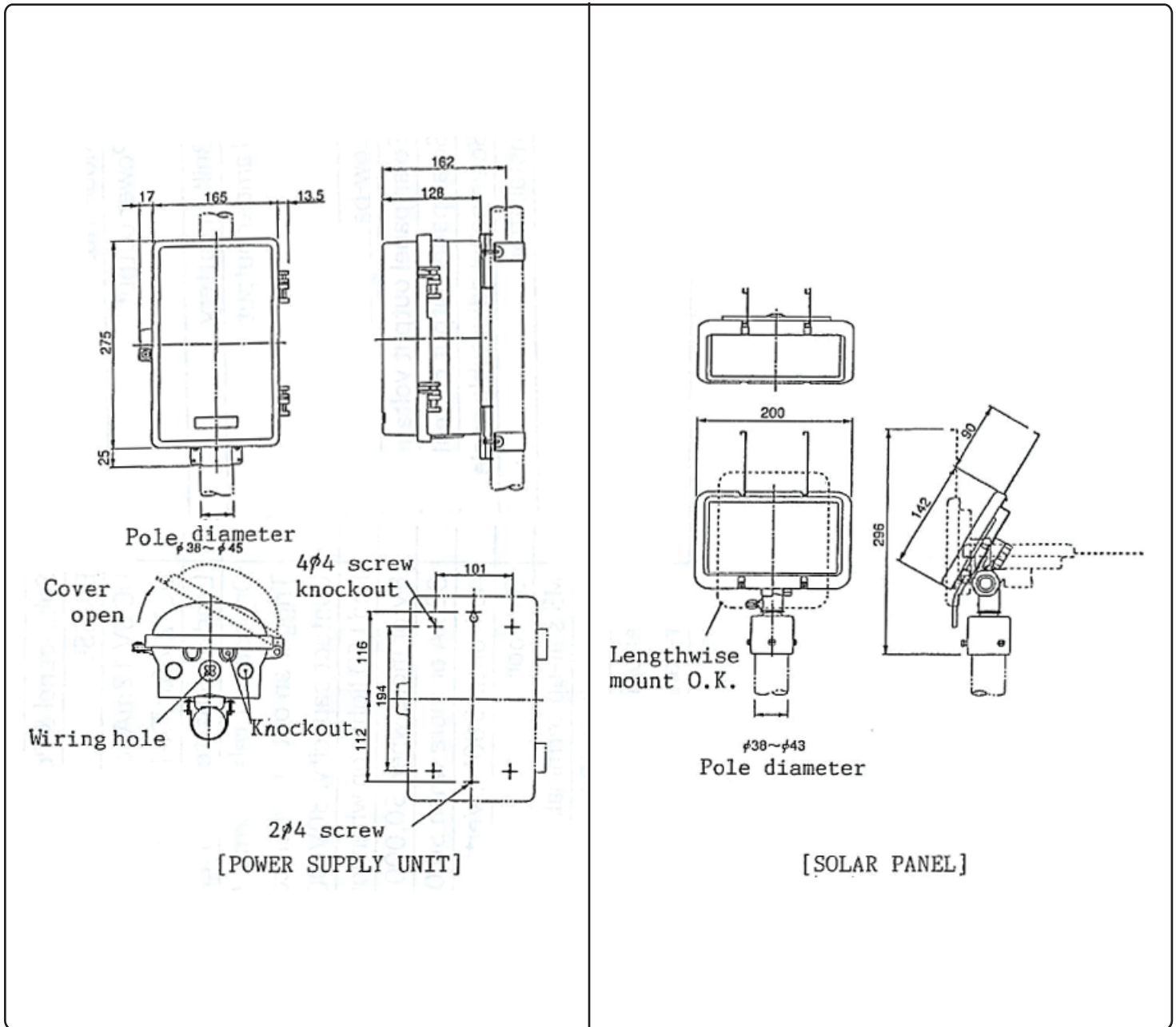
Confirm that Low-battery LED is off.



RECEIVER



Name	Solar-panel & Power supply unit
Model No.	BA-6SL
Power output	DC 6V 12mA for PB-IN-75SW DC12V for TX-102A (Radio transmitter)
Built-in battery	Lead-acid battery 6V 7.2Ah
Tamper output	Dry contact relay Form B (N/C) Trigger an output when cover is opened Contact capacity: 30V(DC) 0.5A
Low-battery LED	Red LED lights on when low battery
Solar-panel output voltage	8V or more when 50,000 lx or more/no-load
Solar-panel output current	82mA or more when 50,000 lx or more/load 6V or less
Solar-panel adjustable angle	Horizontal 360° , Vertical 0° to 90°
Installation	Outdoor
Wiring	M3 self-up terminals
Weight	Power unit: 2,700g Solar panel: 900g
Appearance	Power unit: ABS resin(black) Solar-panel: ABS resin(gray)



TAKEX TAKENAKA ENGINEERING CO., LTD.

In Japan

Takenaka Engineering Co., Ltd.
 83-1, Gojo-sotokan, Higashino,
 Yamashina-ku, Kyoto 607-8156, Japan
 Tel : 81-75-501-6651
 Fax : 81-75-593-3816
<http://www.takex-eng.co.jp/>

In the U.S.

Takex America Inc.
 230E, Caribbean Drive
 Sunnyvale, CA 94086, U.S.A.
 Tel : 408-747-0100
 Fax : 408-734-1100
<http://www.takex.com>

In Australia

Takex America Inc.
 Unit 16/35 Garden Road, Clayton,
 3188 Victoria, Australia
 Tel : 03-9546-0533
 Fax : 03-9547-9450

In the U.K.

Takex Europe Ltd.
 Takex House, Aviary Court, Wade Road,
 Basingstoke, Hampshire. RG24 8PE, U.K.
 Tel : (+44) 01256-475555
 Fax : (+44) 01256-466268
<http://www.takexurope.com>

No.05-226 0410