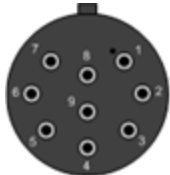# GP330B direct connection to NavNet 3D
(NMEA2000 powered through NN3D)

To activate the internal resistor in the GP330B antenna, insert the supplied contact pin into socket #5 in the connector before connecting it to the antenna.

18 Pin pigtail cable supplied for use with Data 2 and 3 000-164-608

NMEA2000 Micro Double-ended cable Male – Female
1 meter = 000-167-962
2 meter = 000-167-963
6 meter = 000-167-964

This is to supply voltage for the NMEA2000 Bus. The minimum voltage is 9 VDC and the maximum is 16 VDC.
(1 amp MAX load)

Pink
Data
Port 2
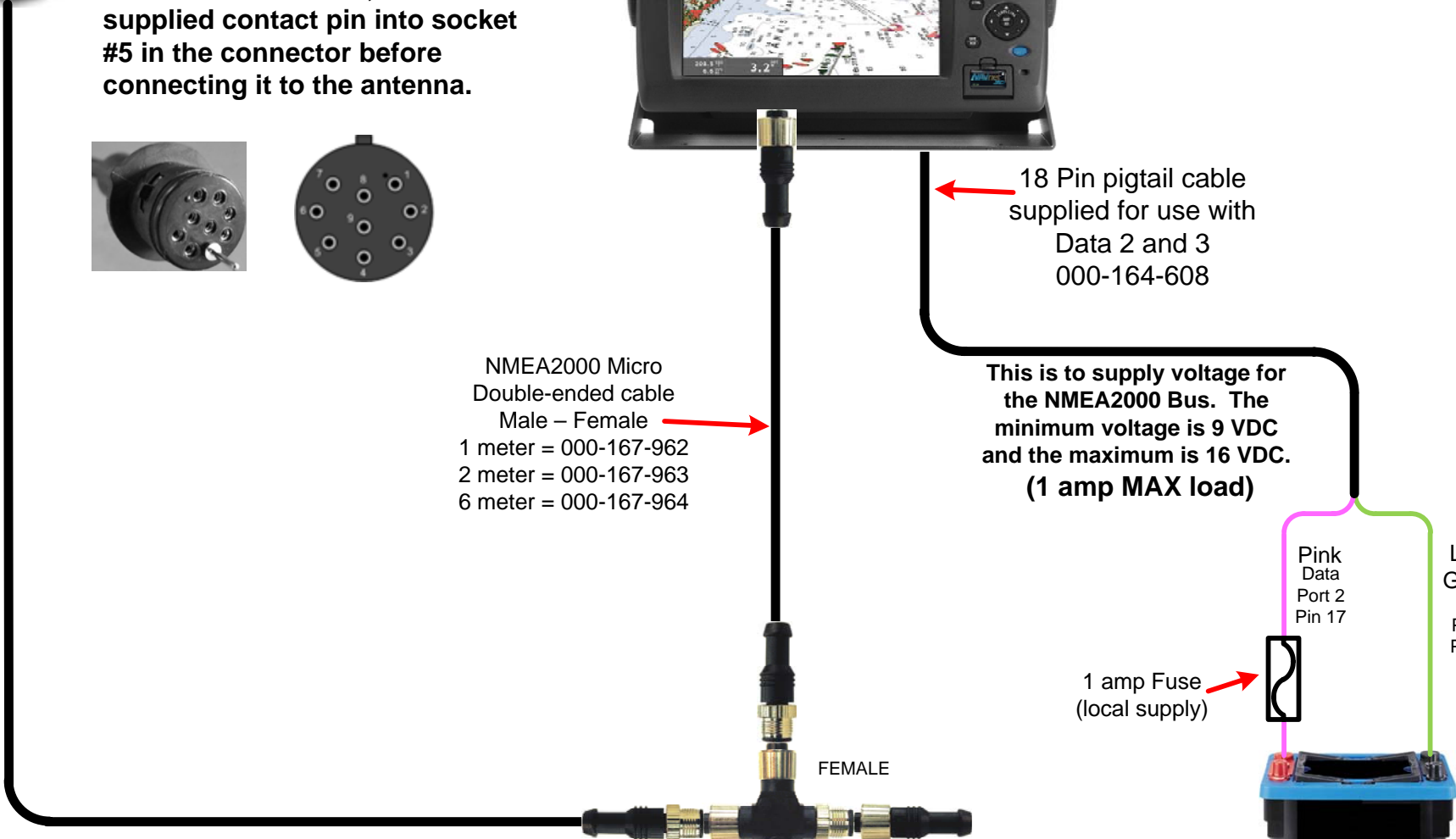Pin 17

Light Green
Data
Port 2
Pin 18

1 amp Fuse (local supply)
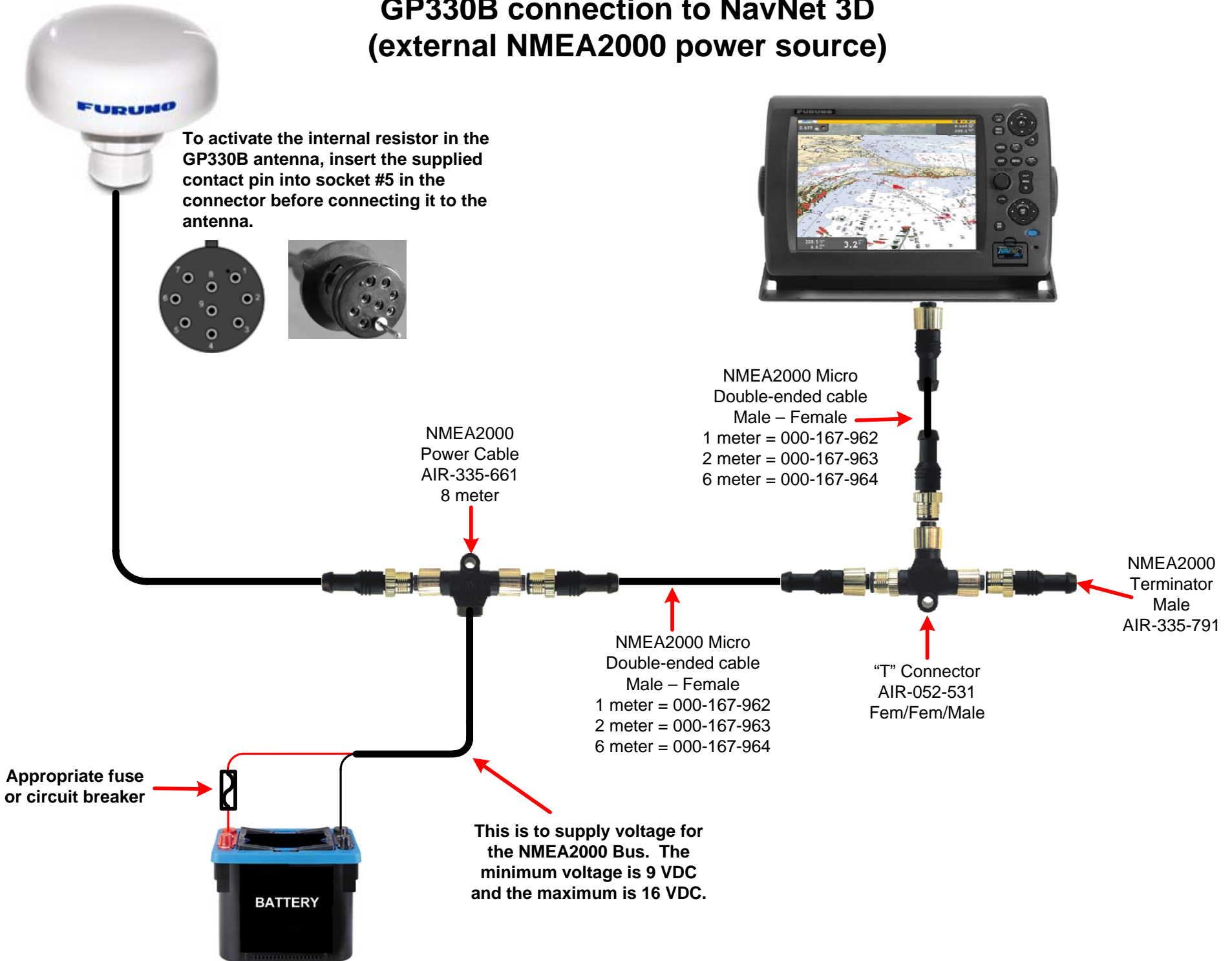
FEMALE

FEMALE   MALE

BATTERY

"T" Connector
AIR-052-531
Fem/Fem/Male

NMEA2000 Terminator Female AIR-335-792

GP330B connection to NavNet 3D
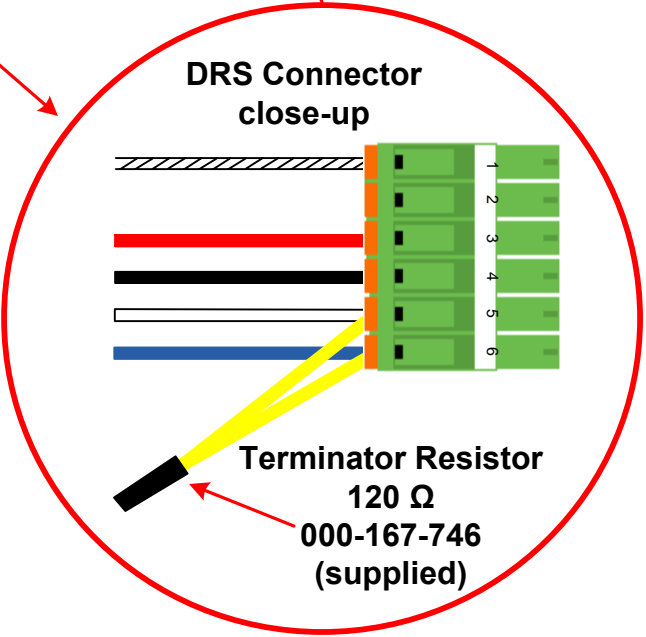# (external NMEA2000 power source)

To activate the internal resistor in the GP330B antenna, insert the supplied contact pin into socket #5 in the connector before connecting it to the antenna.

NMEA2000 Micro
Double-ended cable
Male – Female
1 meter = 000-167-962
2 meter = 000-167-963
6 meter = 000-167-964

NMEA2000
Power Cable
AIR-335-661
8 meter

NMEA2000
Terminator
Male
AIR-335-791

NMEA2000 Micro
Double-ended cable
Male – Female
1 meter = 000-167-962
2 meter = 000-167-963
6 meter = 000-167-964

"T" Connector
AIR-052-531
Fem/Fem/Male

Appropriate fuse
or circuit breaker

This is to supply voltage for the NMEA2000 Bus. The minimum voltage is 9 VDC and the maximum is 16 VDC.

BATTERY

GP330B connection to FI5002 with FI504 and NavNet 3D

NMEA2000 6 meter
Drop cable
000-166-945
(supplied w/ FI-504)

NMEA2000 Micro cable
1 meter = 000-167-965
2 meter = 000-167-966
6 meter = 000-167-966

Cut the NMEA2000 connector off
of cable and connect the wires to
one of the 6 drop ports inside the
FI-5002.
Match the wire colors to the colors
shown on the drop connector.

Set both Terminal Resistor jumpers to
ON to use the FI5002 as the
NMEA2000 backbone.

Terminal Resistor
ON: ○ [○ ○]
OFF: [○ ○] ○

**Appropriate fuse
or circuit breaker**

FI-5002 Junction Box

**This is to supply voltage for
the NMEA2000 Bus. The
minimum voltage is 9 VDC
and the maximum is 16 VDC.**

BATTERY

Drop
connector

1 2 3 4 5

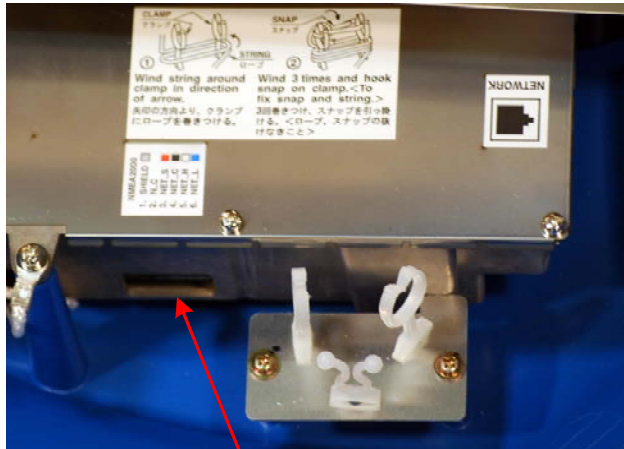# GP330B connection to DRS Dome and NavNet 3D

Inside DRS2D and DRS4D

To activate the internal resistor in the GP330B antenna, insert the supplied contact pin into socket #5 in the connector before connecting it to the antenna.
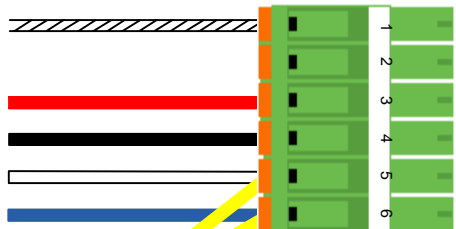
Cut NMEA2000 connector off of GP330B cable and connect the wires to the green NMEA2000 connector inside the DRS2D or DRS4D.
Match the wire colors to the colors shown in the DRS Connector close-up.

Ethernet and power

Use the included 3 hole gasket for this installation application. (See below)

DRS Connector close-up

Terminator Resistor 120 Ω 000-167-746 (supplied)
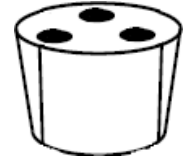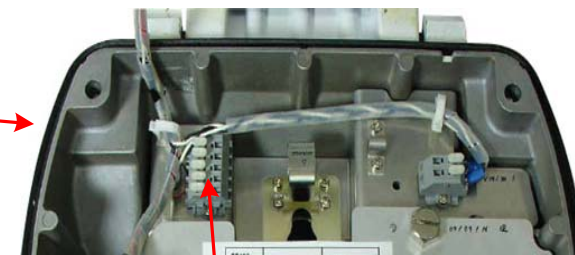
GP330B connection to DRS Gearbox and NavNet 3D
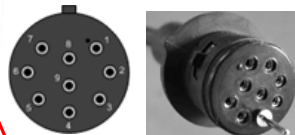
To activate the internal resistor in the GP330B antenna, insert the supplied contact pin into socket #5 in the connector before connecting it to the antenna.

Inside DRS Gearbox

Cut NMEA2000 connector off of cable and connect the wires to the gray NMEA2000 terminal inside the DRS Gearbox.
Match the wire colors to the colors shown in the DRS Connector close-up.

DRS Connector close-up

Use the included 3 hole gasket for this installation application. (See below)

Terminator Resistor 120 Ω 000-167-746 (supplied)

Ethernet