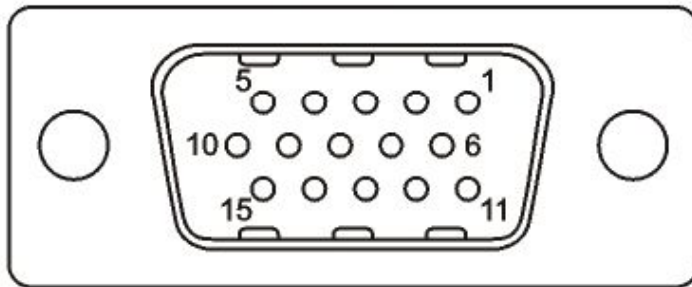


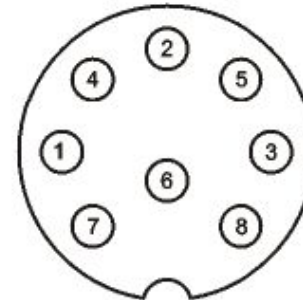
PJ2T K3 to Bandpass Filter Adapter Cable

K8ND 131029a

**K3 ACC
DEMA15P (Hi-Density)
(MALE)**



**DIN8
(262° pin pattern)
(MALE)**



ALL CONNECTORS, AS VIEWED FROM THE REAR OF THE CONNECTOR

Pin 5 or 12	GND	GND	Pin 3
Pin 14	Band Data 3 (MSB)	Data D	Pin 7
Pin 9	Band Data 2	Data C	Pin 6
Pin 3	Band Data 1	Data B	Pin 5
Pin 13	Band Data 0 (LSB)	Data A	Pin 4

K3 ACC Plug
(DEMA15P
Male)

Bandpass
Filter Switch
Socket
(DIN8/262
Female)

Adapter Cable Wiring

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K3 Band Decoding

Band Outputs (BAND0-BAND3)

BAND0-3 provide band selection signals. Their behavior is determined by the *CONFIG:KIO3* menu entry. (See tables below.)

BAND0-3 are open-drain outputs. The attached device must provide pull-up resistors (typ. 2.2K) to its own supply voltage (usual 5 VDC).

In the tables below, 0 = 0 VDC, and 1 = device supply voltage.

With *CONFIG:KIO3* set to **NOR**, the BAND0-3 outputs are mapped based on the selected HF-6 m band as shown below. This mapping matches that of some third-party band decoders. On Transverter bands, BAND0-3 will all be set to zero.

Band	BAND3	BAND2	BAND1	BAND0
160 m	0	0	0	1
80 m	0	0	1	0
60 m	0	0	0	0
40 m	0	0	1	1
30 m	0	1	0	0
20 m	0	1	0	1
17 m	0	1	1	0
15 m	0	1	1	1
12 m	1	0	0	0
10 m	1	0	0	1
6 m	1	0	1	0