

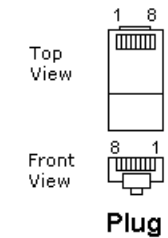
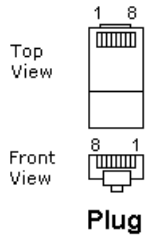
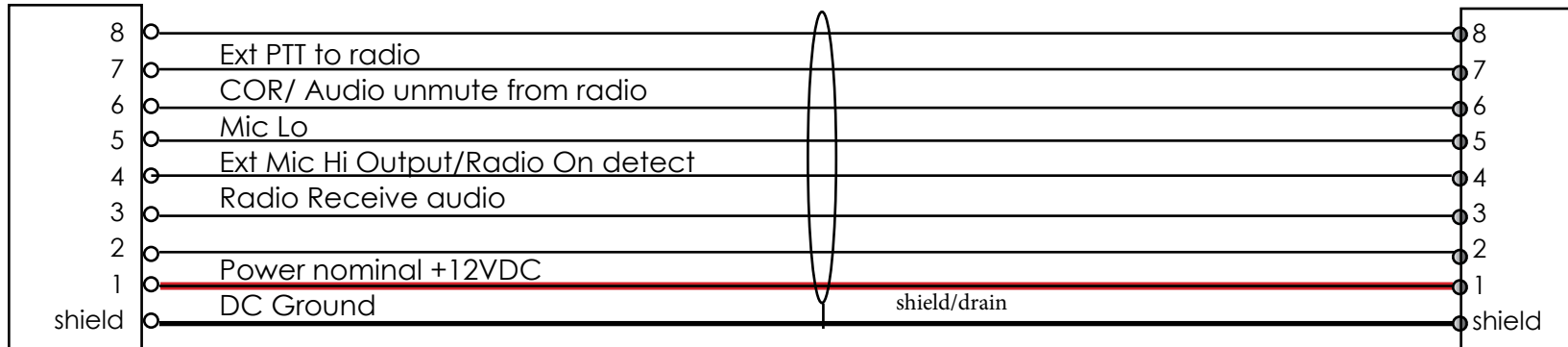
X100DR® LITE

XCA Lite Series Cable Adaptor Wiring Diagrams

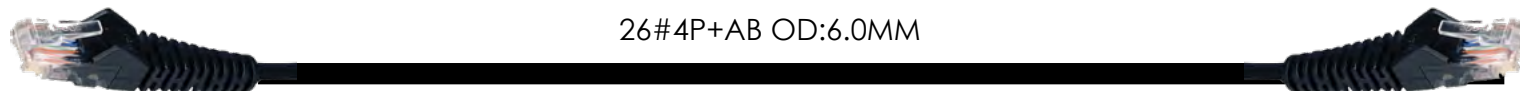
XIC-1.5 Interface cable 150cm:
XIC-6.2 Interface cable 620cm:

RJ45 shielded male

RJ45 shielded male



150-620 cm



RJ45 shielded male

RJ45 shielded male

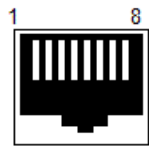
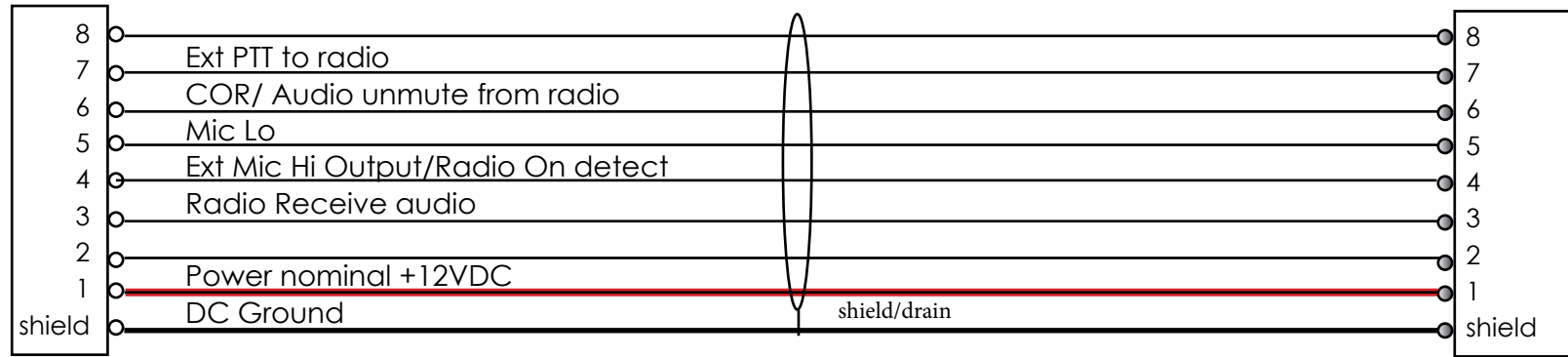
26#4P+AB OD:6.0MM

XEC-4.5 Extension cable 450cm:



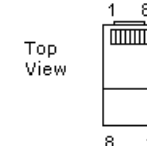
RJ45 shielded female

RJ45 shielded male



Front View

Receptacle



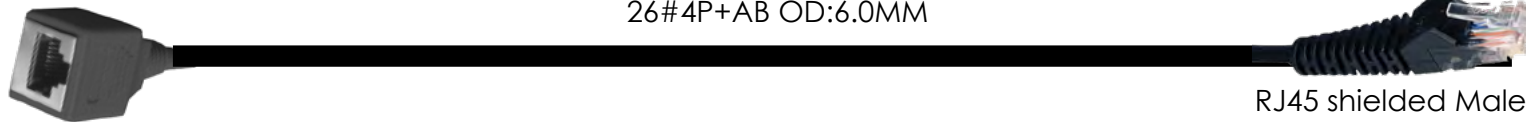
Top View

Front View

Plug

450 cm

26#4P+AB OD:6.0MM



RJ45 shielded Male

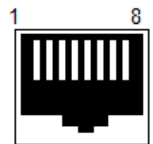
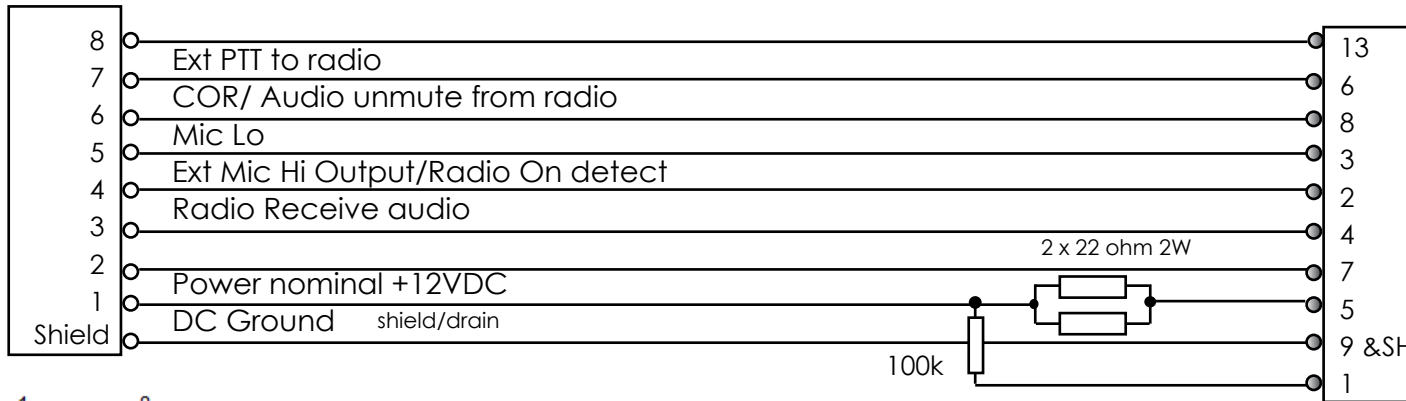
RJ45 shielded Female

Cable Adaptors

XMC-RJ45 Interface Adaptor: Use with X10DR Lite Gateway



Male RJ45 shielded



Front View
Receptacle



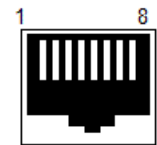
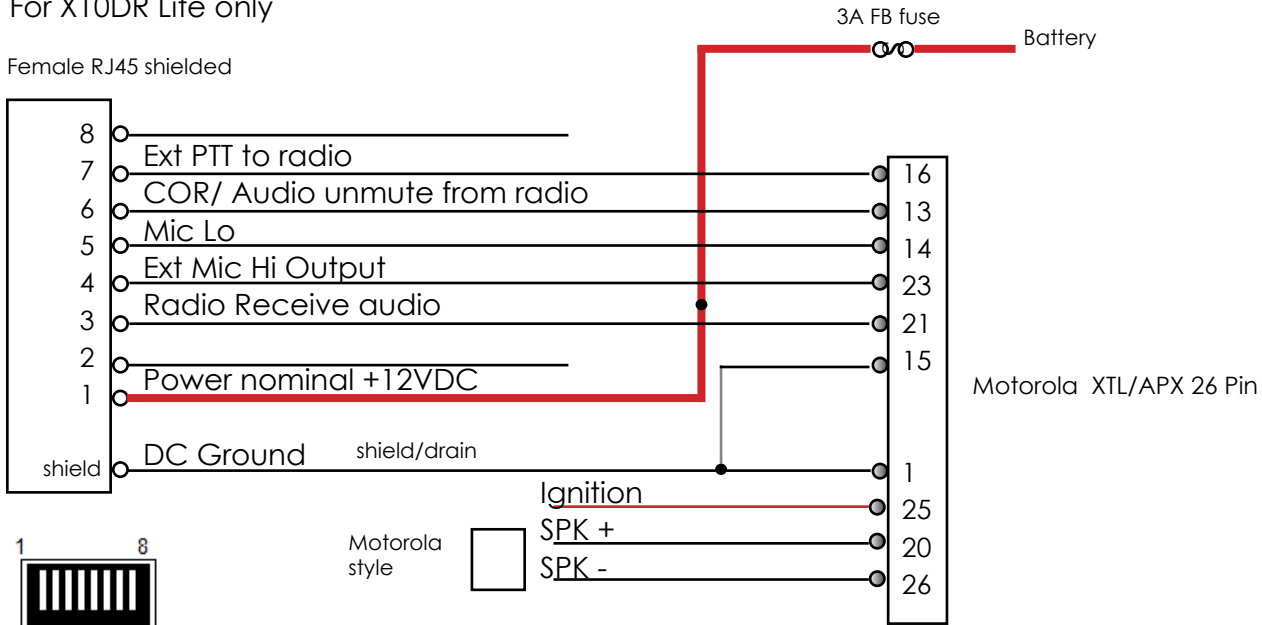
DB15 - Male-plug

XCA-APX-L cable adaptor: for Motorola APX/XTL series includes 26 Pin connector



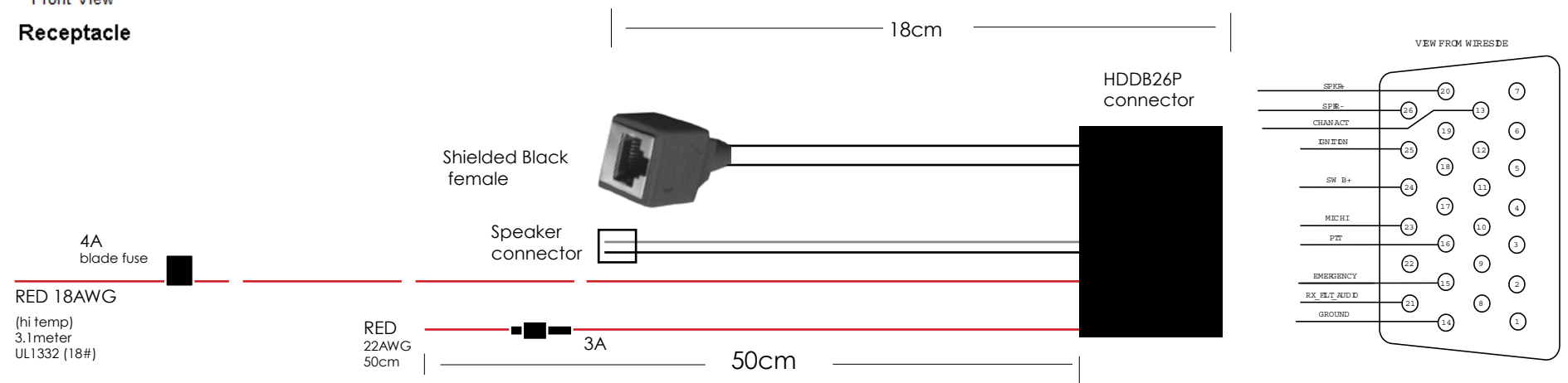
For X10DR Lite only

Female RJ45 shielded



Front View

Receptacle



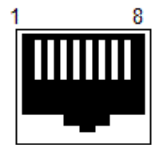
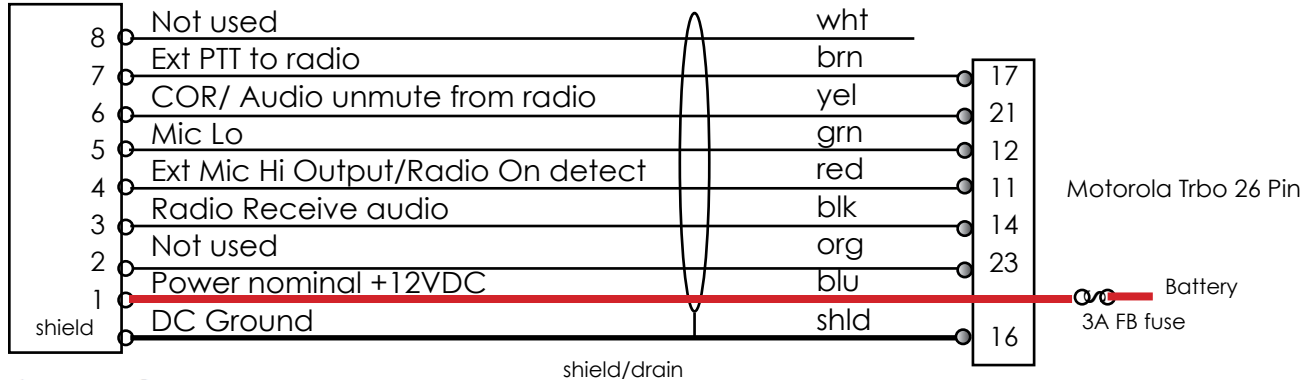
Commercial in Confidence

Date: Oct 24th 2018 Revision: O

XCA-M26 Cable Adaptor: for Motorola Trbo XPR and DM3600 etc series

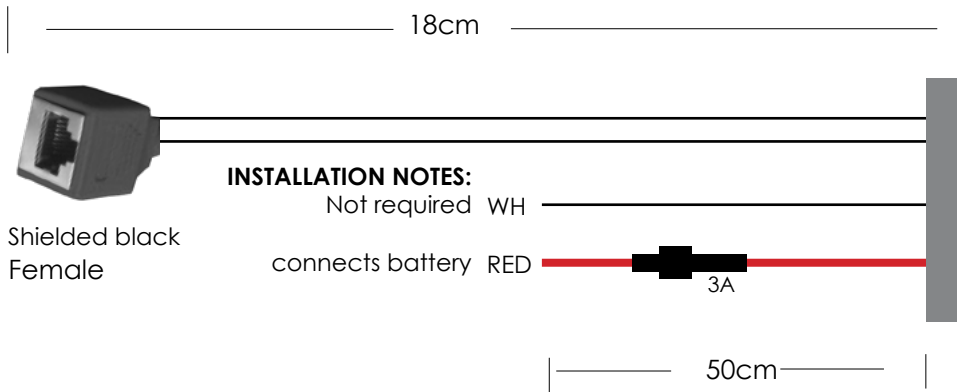


Female RJ45 shielded



Front View

Receptacle

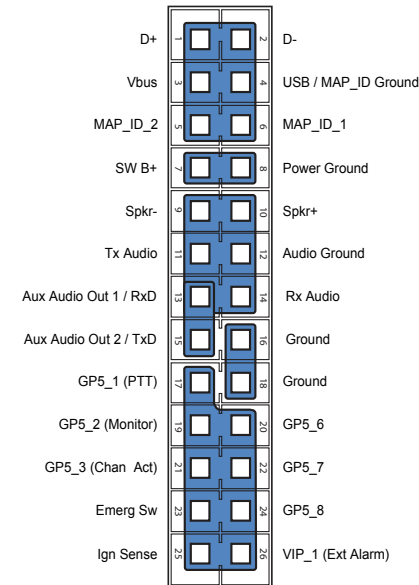


INSTALLATION NOTES:

Not required WH

connects battery RED

Shielded black Female



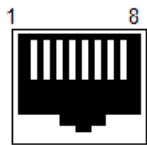
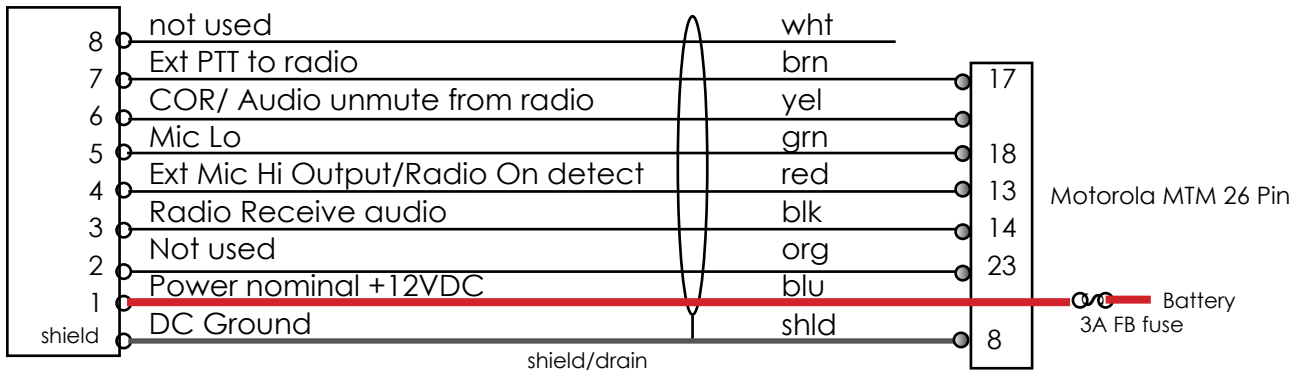
Commercial in Confidence

Date: May12th 2017 Revision:1

XCA-M26T Cable Adaptor: for Motorola MTM5400 TETRA radio etc series

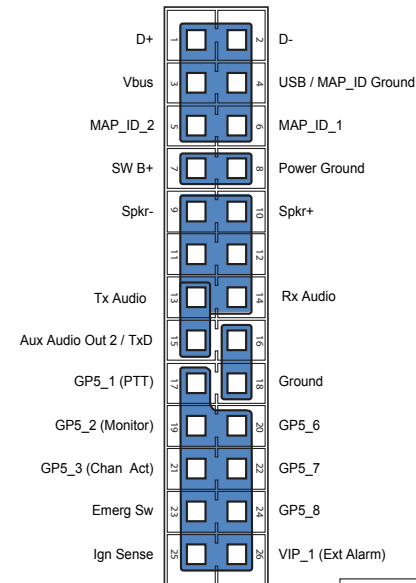
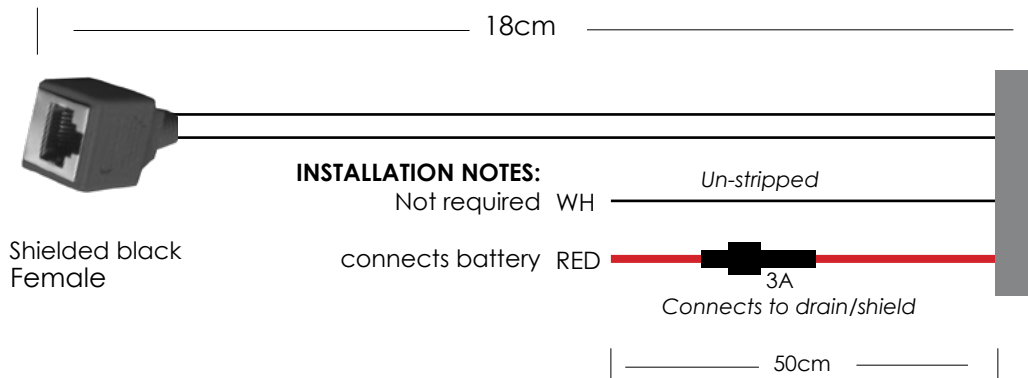


Female RJ45 shielded



Front View

Receptacle



Commercial in Confidence

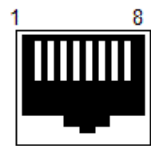
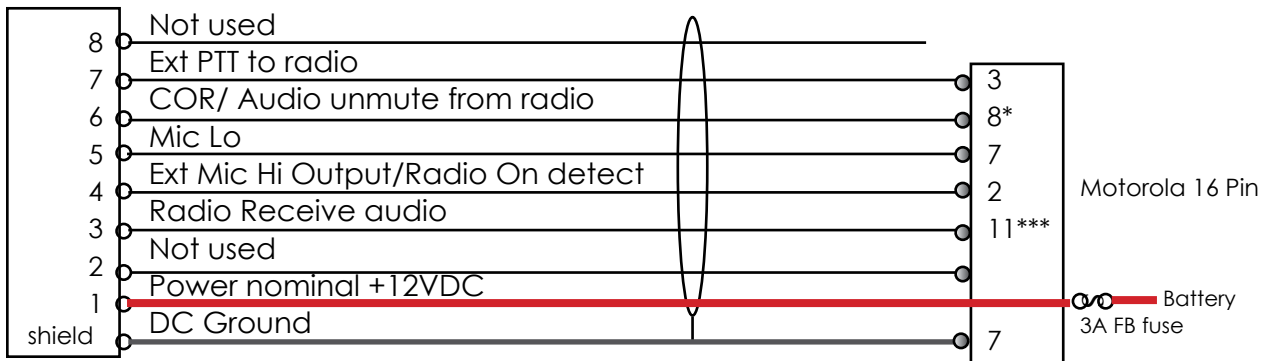
Date: May12th 2017 Revision: 2

XCA-M16 Cable Adaptor:

For Motorola GM360/MCX/PM400/CDM etc

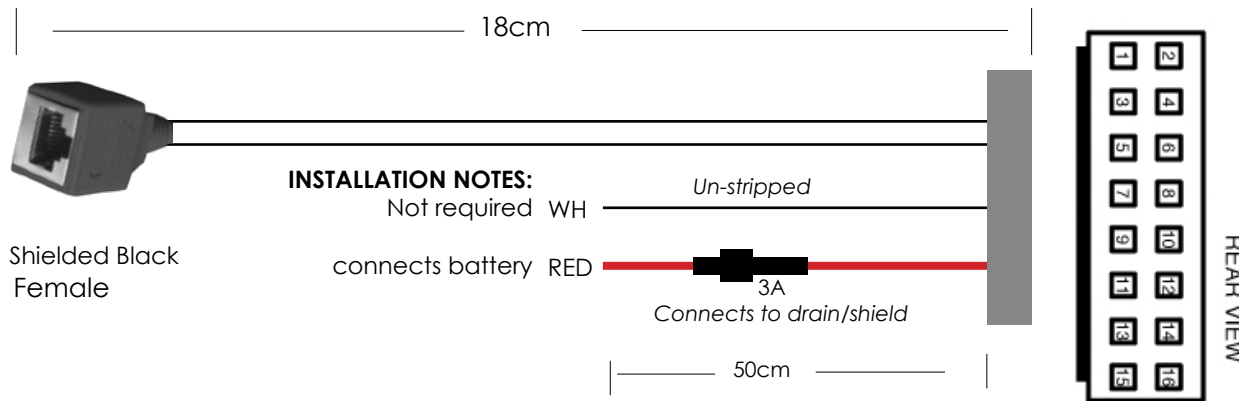


Female RJ45 shielded



Front View

Receptacle



INSTALLATION NOTES:

Not required WH — Un-stripped

connects battery RED — 3A — Connects to drain/shield

Shielded Black Female

Note:

Motorola have over the years used the 16 pin connector on a wide variety of models. You should check the radio programming and/or jumpering to ensure correct operation of the X10DR unit.

* Pin 8 or Pin 4: COR availability depends on model. Connect ONLY if available

** Pin 9: may need programming for Emergency.

*** Pin 11: Audio should be set for pre-emphasis and gated where applicable by either programming or hardware jumper as applicable. If gated audio is not available, turn OFF VOX function on X10DR gateway is only other option however COR MUST be connected, be aware occasional noise burst may sound in Secure Mic depending on radio's COR performance.

BEWARE:

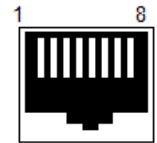
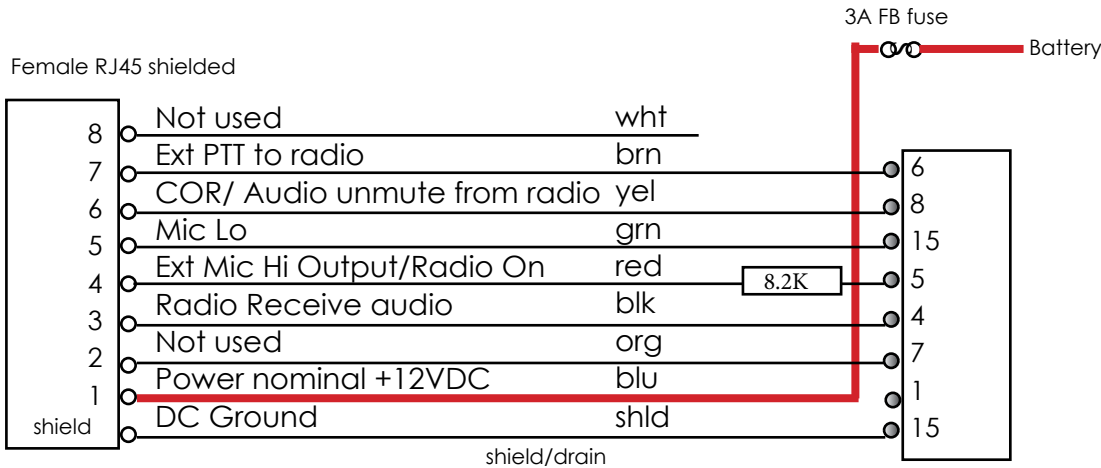
before attempting connection for GTX/LTS refer their specific service manual.



Commercial in Confidence

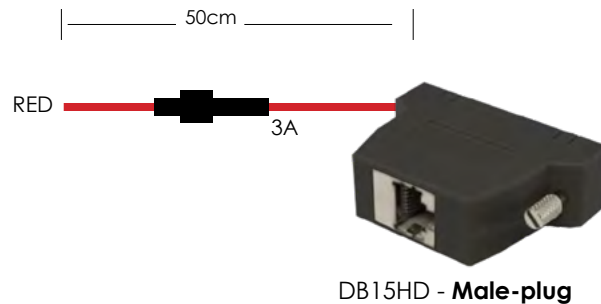
Date: Jan12th 2018 Revision 2

XCA-K15M Cable Adaptor: for Kenwood DB15 cable NX720/TK-7302 TK-D840 etc



Front View

Receptacle



NOTES:

- Program Radio connector
- 8- I/O COR /TOR out
- 6 - I/O Ext PTT In

OTHER INSTALL REQUIREMENTS:

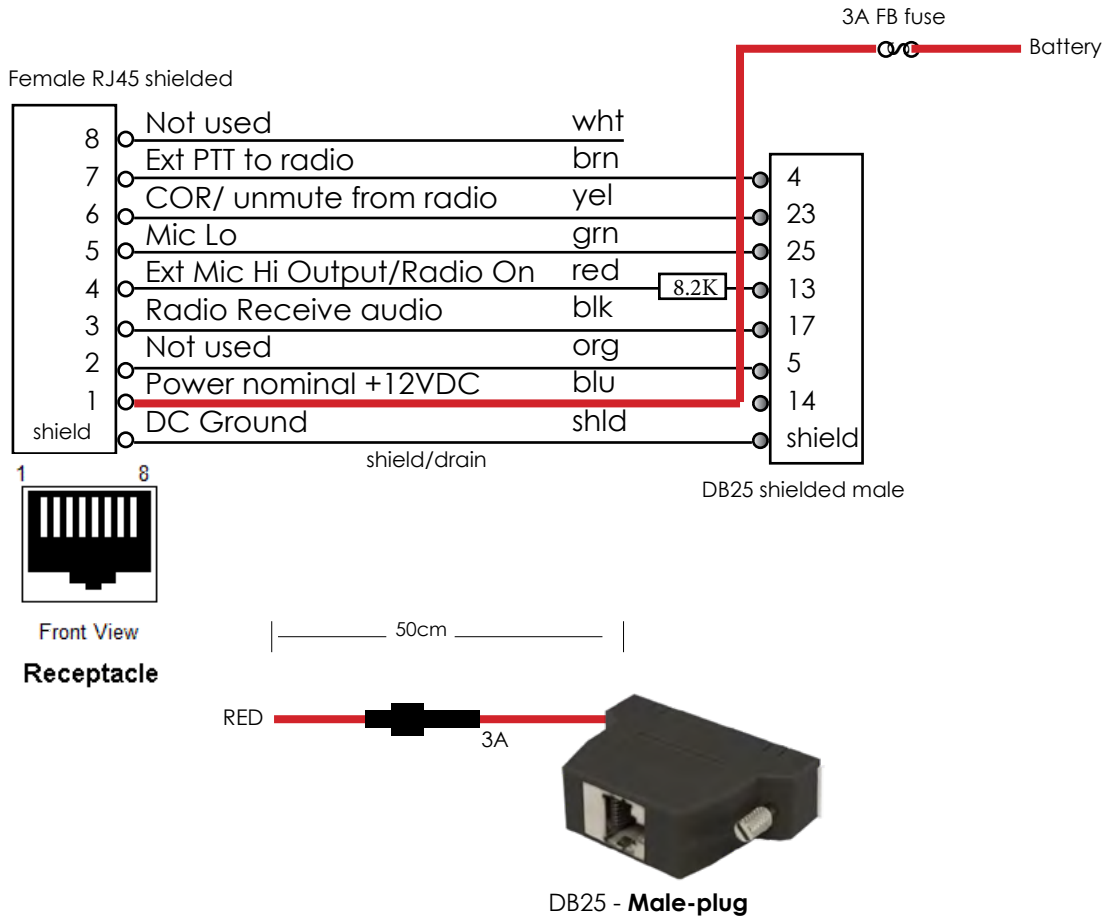
NX720 Radios
Move radio chip jumper R796 to R789
Move radio chip jumper R797 to R799

NX3720 Radios
Move radio chip jumper R613 to R612
Move radio chip jumper R659 to R601

NX-740 /840 Radios
Move radio chip jumper R737 to R735
Move wire on DB15 Pin 4 to pin 3 (note Radio speaker volume control effects X10DR Loudspeaker audio level.)

TK-D740/840 radios
Move the R737 chip jumper to R735.
Move wire on DB15 Pin 4 to pin 3 (note Radio speaker volume control effects X10DR Loudspeaker audio level.)

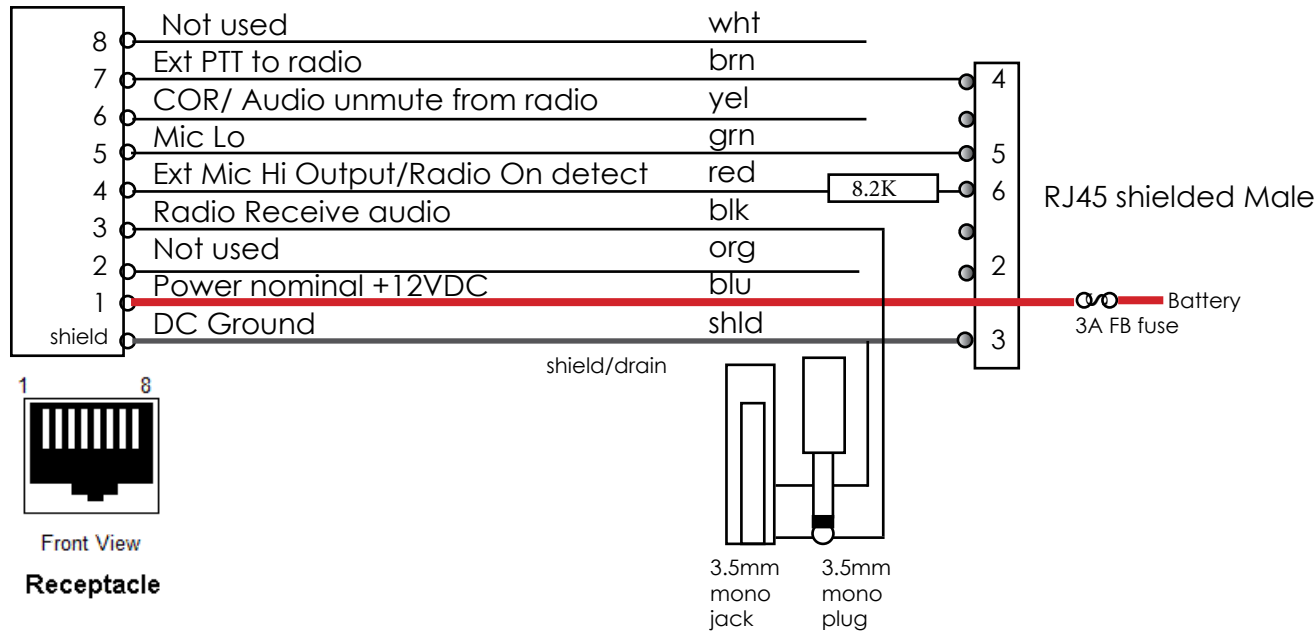
XCA-K25M Modifiable cable adaptor: As standard suits TK690/790 etc



XCA-RJK Cable Adaptor: for Kenwood simple low end radios using front RJ45 Microphone socket



RJ45 shielded Female

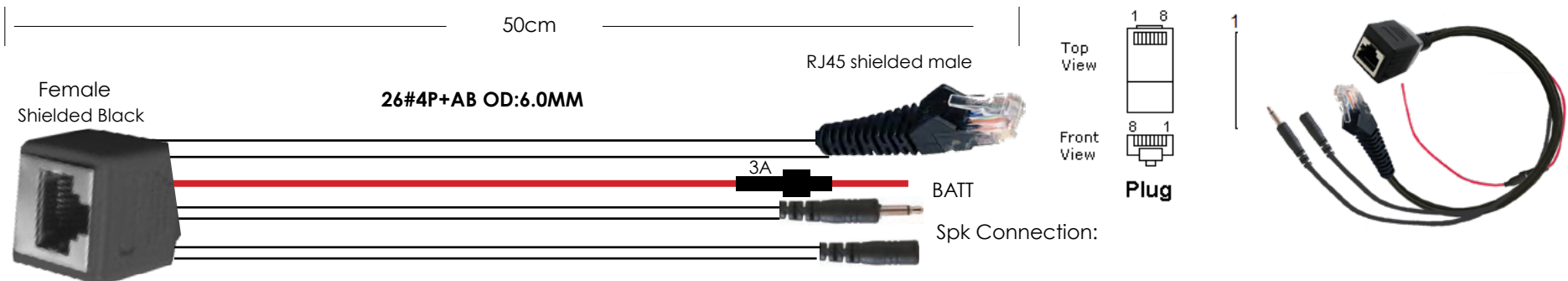


Notes:

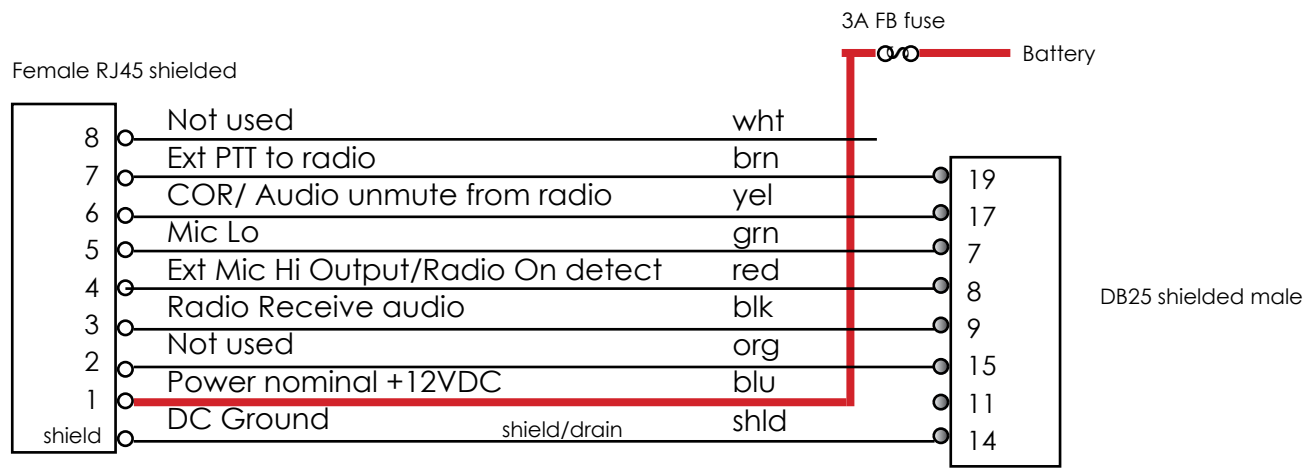
Program X10DR for Speaker NOT muted when placed in cradle. (except if you wish to use external speaker - as below)
Uses radio receive Vox for COR detect.

Requires External Speaker

Plug 3.5mm plug into radio speaker socket.
Plug radio external spk into cable 3.5 jack.
Set Radio volume control for normal listening level, then adjust X10DR Rx audio level on gateway cradle for desired listening level from X10DR Spk Mic.



XCA-i25B Cable Adaptor: for Icom IC-F9511/9521/ 5061/5062 etc



Notes:

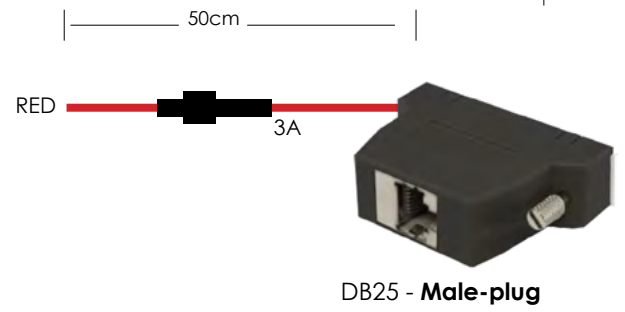
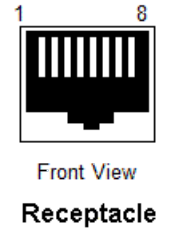
Program Radio connector

Pin 17 : Busy
Pin 19: EPTT

COR not connected

IC-F9511/9521 models
'coffee bean" N must be fitted on radio main board to enable Mic audio to connect to Pin 8.

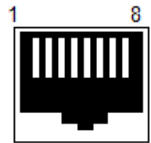
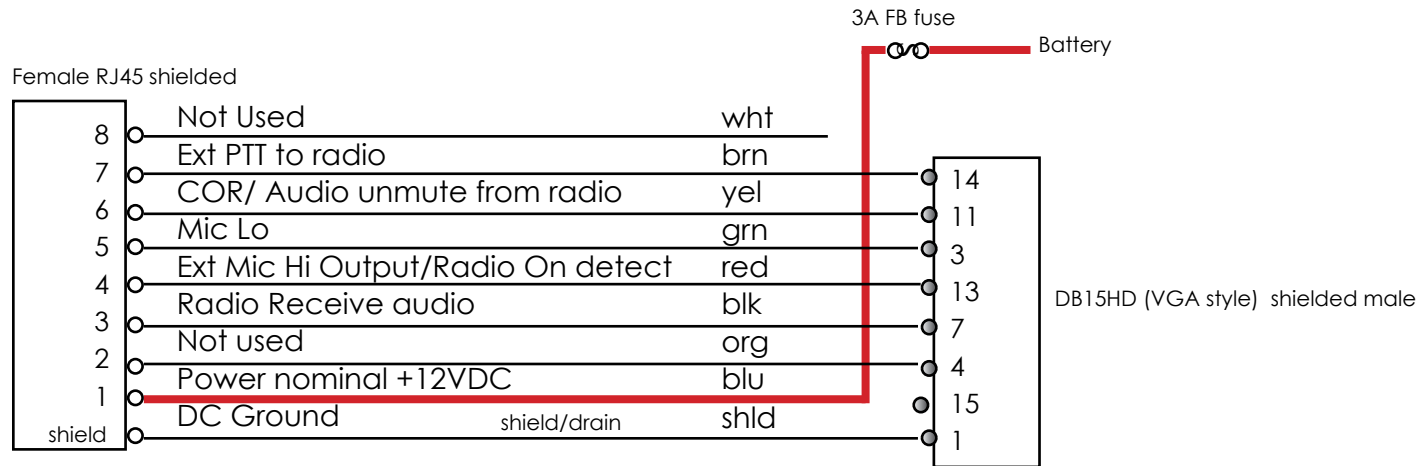
IC-F5061/6062 models
remove coffee bean F and fit coffee bean D.



XCA-i15M Cable Adaptor: for Icom OPC-1939 adaptor cable for F5011/F6011/ F5021/F6021/F5121D

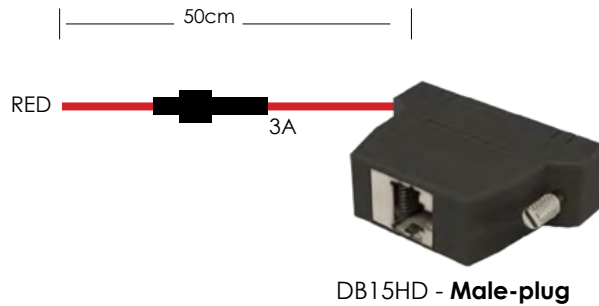


Notes:
Program radio pins :
11 - COR out
7 - AF Audio out
14 - Ext PTT

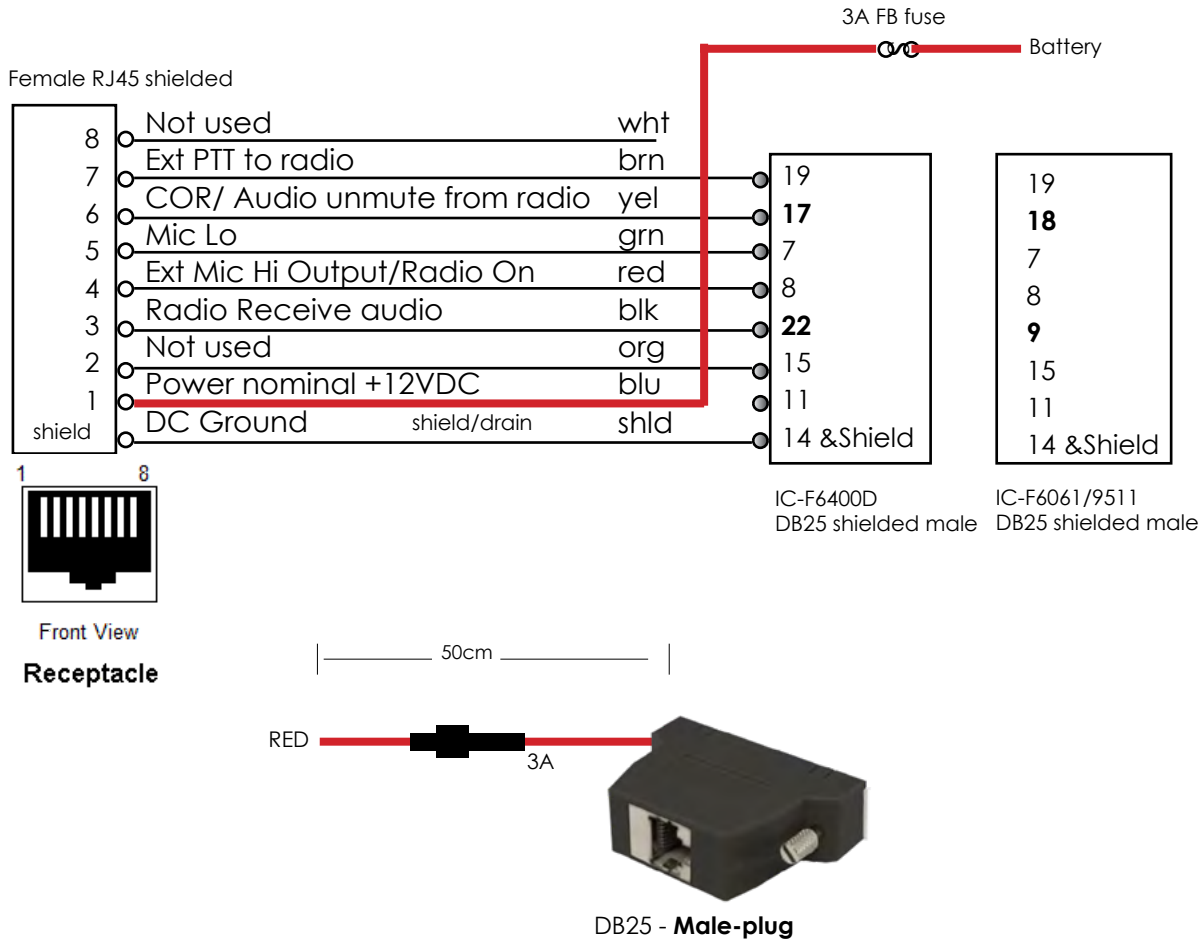


Front View

Receptacle



XCA-i25M Modifiable cable adaptor: default config for IC-F6400 (Move wire from RJ45-4 to DB25 Pin 9 for IC-F9511/F6061 etc)



Notes:

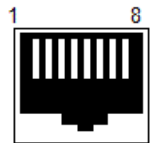
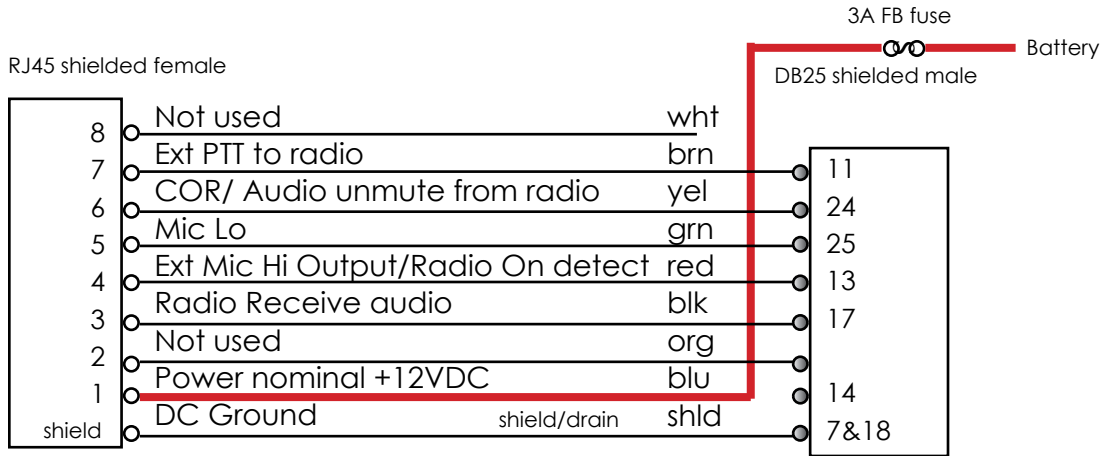
Program F6400 Radio connector
Pin 17 : Busy
Pin 19: EPTT

(Busy=Radio speaker unmute-active grd)

IC-F9511/9521 models
'coffee bean' N must be fitted on radio main board to enable Mic audio to connect to Pin 8.

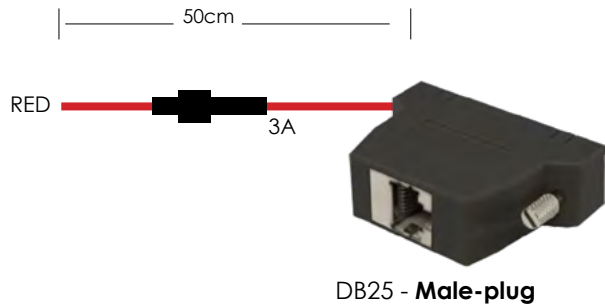
IC-F5061/6062 models
remove coffee bean F and fit coffee bean D.

XCA-V25M Cable Adaptor: for Vertex VX5500 etc High tier mobiles

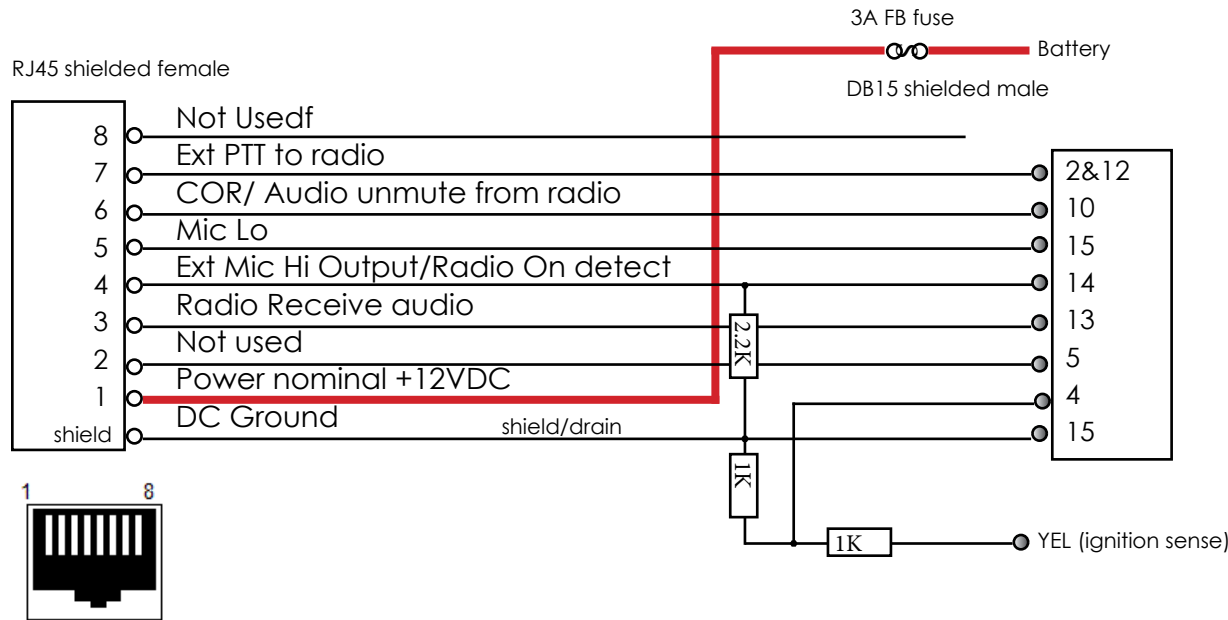


Front View

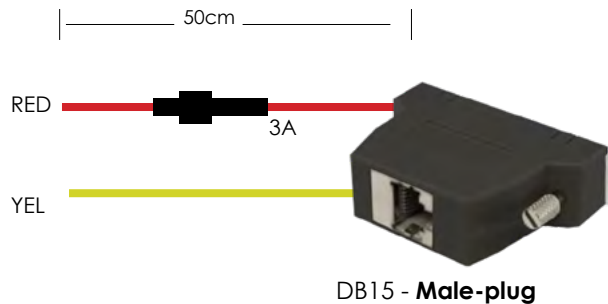
Receptacle



XCA-T15M Cable Adaptor: for TM8000/9000 series etc



Front View
Receptacle



Notes:

- Program Radio connector
- 2- Send Mic to radio spk*
 - 4- ignition sense
 - 5 -
 - 10 - Busy out
 - 12 - PTT in
 - 13 - Audio tap out
 - 14 - Audio Tap In

* when radio permits

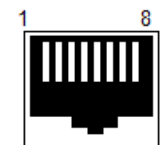
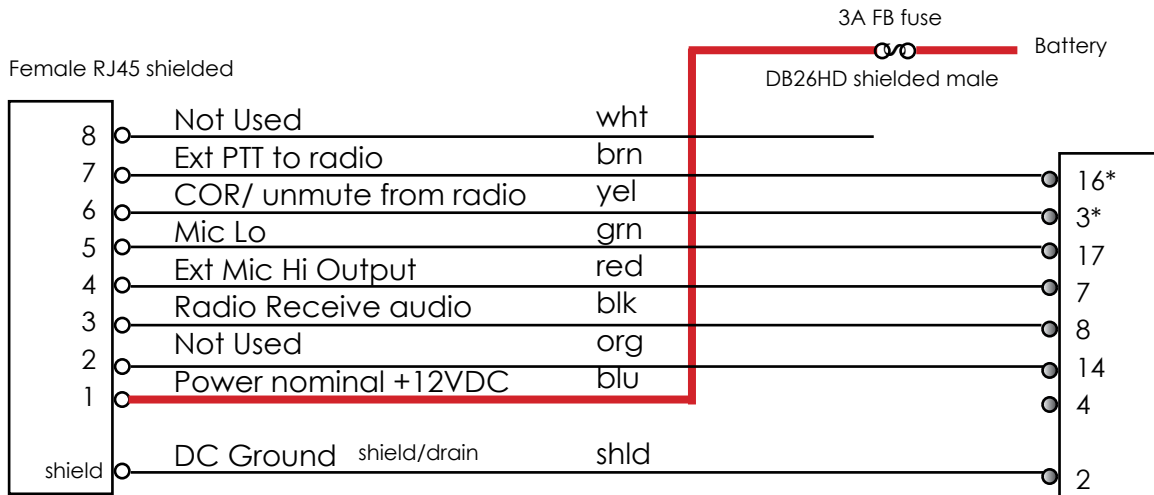
XCA-H26M Interface cable:

for Hytera MD68x Tetra & 78x DMR mobiles



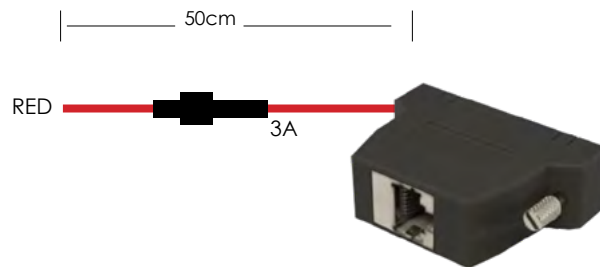
Notes:

*Program Radio connector
 Pin 3: Spk Open detect Act Lo
 Pin 16 Ext PTT- Act Lo



Front View

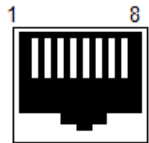
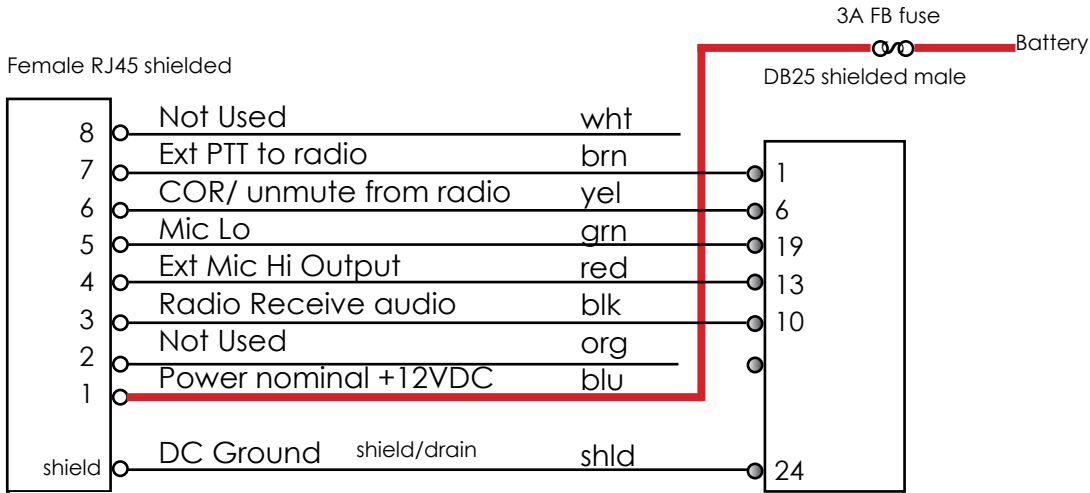
Receptacle



RJ45 shielded to DB26 HD - **Male**
 molded style

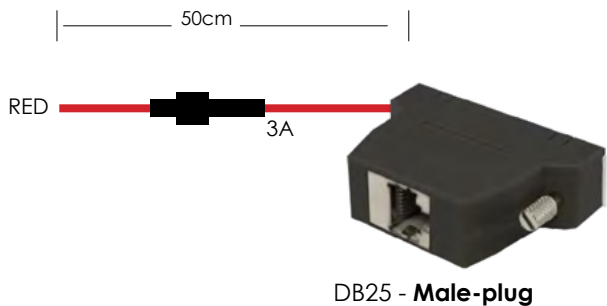
XCA-JM Interface cable:

for EFJohnson Viking VM900
Male DB25 for EFJ pigtail UDDI/PVP



Front View

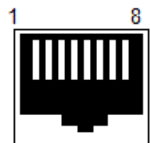
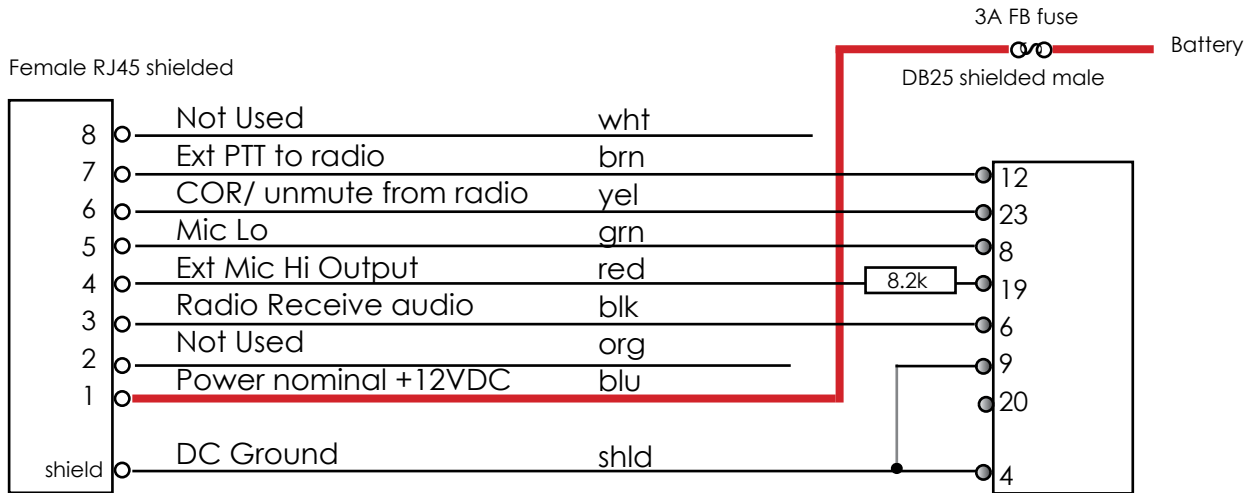
Receptacle



XCA-R25M Interface cable: for Relm/Bendix King P25 mobiles

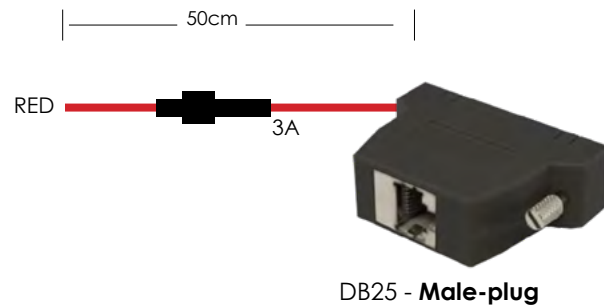


Notes:
Program radio Pin 23 for "cor".(radio speaker unmute)

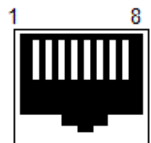
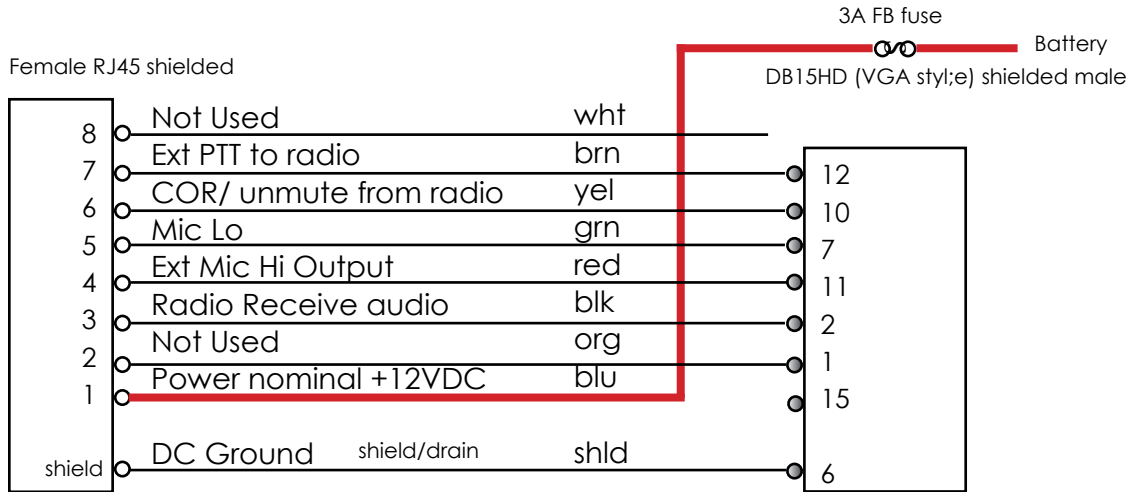


Front View

Receptacle

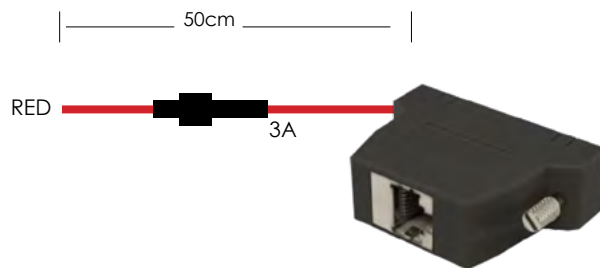


XCA-R15M Interface cable: for Relm/Bendix King P25 mobiles



Front View

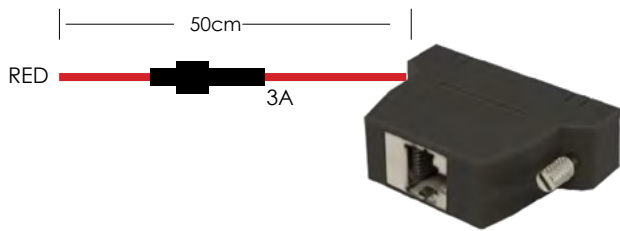
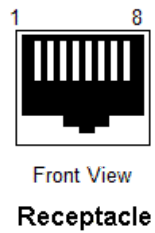
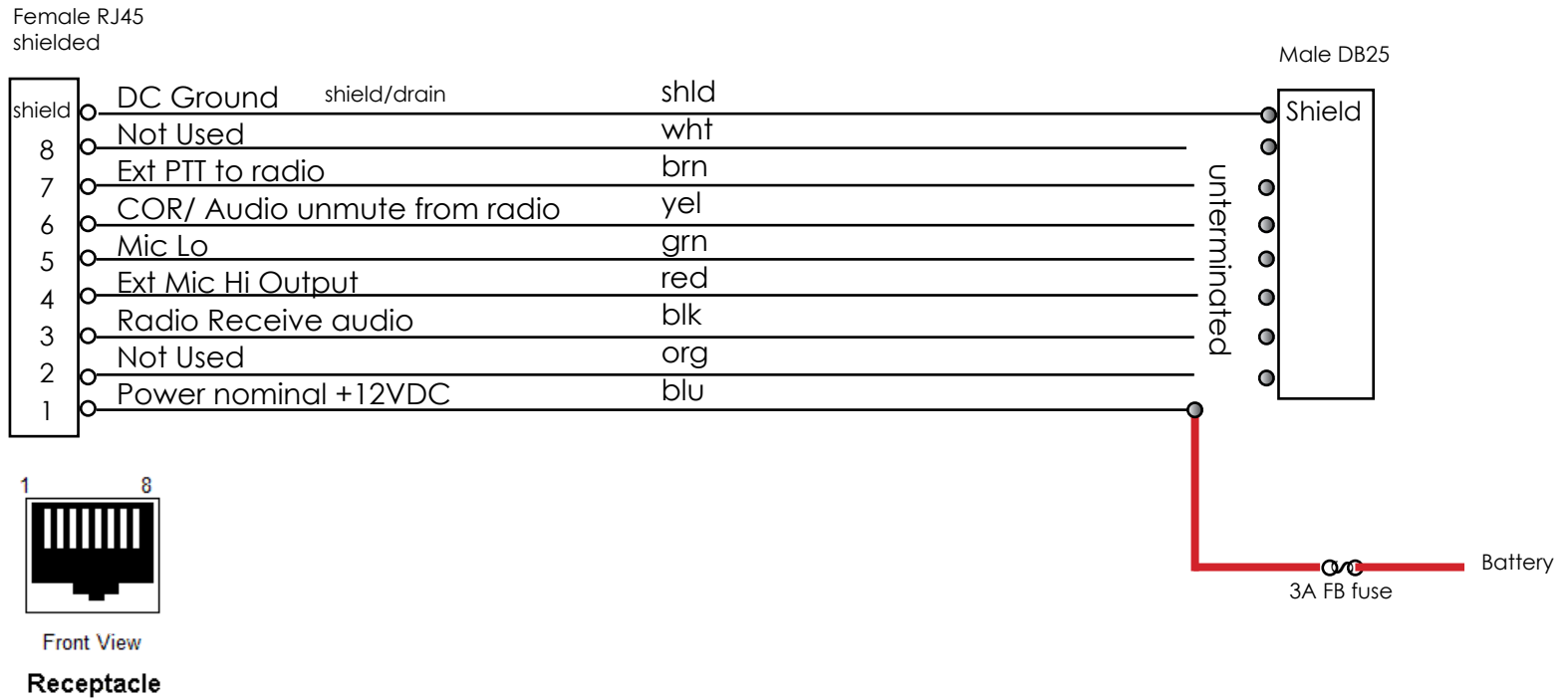
Receptacle



DB-15-HD (VGA style)-M
D-SUB CONNECTOR

XCA-U25M DB25 Male

Unterminated Interface Adaptor:



XCA-U15M DB15 Male

Unterminated Interface Adaptor:

