

inter-vehicle trailer connector assemblies

From an original concept to a finished and tested assembly or equipment sub-system, the AB interconnect group can offer a design and manufacturing service which brings together the skill and experience of a dedicated work force. The group has invested in the latest manufacturing techniques and processes and when combined with their technical back-up team provide a service which is second to none. The group holds the prestigious IRIS qualifications as well as Mil790 and operates to IPC 620.

To serve the traditional military markets, we have developed the necessary capability to capture projects allied to major fighting vehicle and military communication programmes. These projects include the inter-vehicle trailer connector assembly.

The inter-vehicle fixed and free socket connector are designed to be the standard electrical connection between a military or utility vehicle and a trailer, semi-trailer or towed artillery equipment. It is of rugged construction and incorporates a simple push/pull coupling. The connector has 12 contacts and connects from the prime vehicles 24v system to the following trailer circuits:- tail lights; reversing lights; normal stoplights; blackout stoplights; fog lights; convoy lights; trailer blackout; clearance lights & registration plate lights.

fixed panel mounted connectors

(SB-ORD 133) 12 way fixed socket
& (SB ORD 247) 12 way fixed pin



The fixed panel mounted connectors are fitted to the prime mover.

free cable mounted connectors

(SB-ORD 131) 12 way free socket
& (SB-ORD 130) 12 way free pin



The free cable mounted connectors are fitted to the towed equipment.



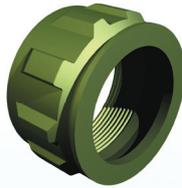
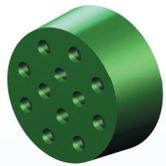
Note
AB Connectors can also provide cable assemblies.
Please consult sales department.

grommet, follower and nut

(SB 28 51G)

(SB ORD 241)

(SB 28 N)



The grommet with follower is essential to obtain satisfactory moisture sealing with our connectors.

The grommet nut is designed to secure the grommet and follower in place completing the moisture seal.

Note

AB ORD 829 = SB ORD 133 + the above 3 parts.

panel gasket

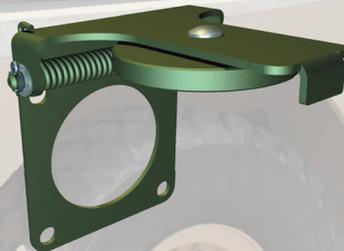
(SB-ORD 248)



The panel gasket seals the fixed connector to a panel.

protective cover

(AB-ORD 946)



The protective cover is positioned on the vehicle to protect the unmated connector when not in use.

fixed connector assembly

(Assembly part no. AB-ORD 1178)



nut

follower

grommet

panel gasket

socket connector

protective cover

Please contact our Sales Team to discuss availability.

General Note

AB Connectors reserves the right to make changes in product specification without notice or liability. All information is subject to AB Connectors' own data and is considered accurate at time of going to print.