

CONNECTOR MODULE WITH CABLE EXIT REGION GASKET

ABSTRACT

A connector module comprises a housing (106) defined by a first shell (141) and a second shell (142) defining an interior chamber (118). The housing includes a cable exit region (126) extending along a cable axis (112) and defining a passage (128) from a cable opening (130) to the interior chamber. The passage has an inner surface which is curved such that the passage has an elliptical cross-section along a plane perpendicular to the cable axis. A gasket (144) disposed within the passage has an outer side (188) engaging the inner surface of the cable exit region and an inner side (190) configured to engage at least one cable (108) within the cable exit region. An outer perimeter of the gasket in an uncompressed state has a non-elliptical cross-section along a plane perpendicular to the cable axis. As the first shell and the second shell are mated, the gasket is sandwiched in a compressed state between the at least one cable and the cable exit region to at least partially seal the passage between the at least one cable and the cable exit region.

FIG. 2