

Universal Jointing Consortium

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Seal Location Cutter Toolkit (KIT110AA)

The UJC would like to endorse the use of the Seal Location Cutter Toolkit (KIT110AA) for cutting PEEK Seal Shoulders on polyethylene cable cores. The Ferrule Seal (or PEEK Seal) is the established method of preventing the ingress of cable compounds into the moulding and the traditional method of cutting the polyethylene shoulder is by locating the cutting tool on the polyethylene. However due to the manufacturing concentricity tolerance of polyethylene core this can result in a badly fitting PEEK Seal and the possibility of cable compound leakage during moulding. To overcome this problem the Seal Location Cutter in KIT110AA locates on the copper so that the cut polyethylene shoulder is concentric to it.

KIT110AA contains a Seal Location Cutter tool (& spare blades) and a range of Adapter Plates to cut PEEK Seal shoulders for a range of cable types including: ASN OALC2, OALC4, OALC5, OALC6, OALC7, URC2, URC3; Tyco SL21E & SL21E-H2; Pirelli 18.5mm & 21.5mm; NSW R (0.6, 17mm) and OCC SC-300. In addition, KIT110AA also contains the Seal Location Cutter tool and individual cable end specific toolkits contain the appropriate Adapter Plates.

The Seal Location Cutter Toolkit is therefore recommended, as it produces high quality, accurate and consistent PEEK Seal shoulders every time and reduces the possibility of re-work. No additional training is required. The technique for using the new tooling is included in every cable preparation UJCM that requires its use but the traditional polyethylene locating technique will be retained for customers who do not possess the new tooling. The Seal Location Cutter Toolkit is available from the member companies of the UJC listed below.

For further information please contact the UJC.

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