

WRJMZ MICC joining kit (Metric cables only)

Where it is not possible to joint two MICC cable lengths in through type boxes of a suitable size and shape by fitting seals and glands or it is necessary for the joint to be water tight, the straight through cable joint offers a space saving alternative. Maximum continuous operating temperature 105°C

Jointing Procedure

The two cable ends to be joined are terminated in the usual manner (see our guide to terminating) using 105°C WRPS seals with ring type glands WRGM along the conductors from the disc.

Slip the brass-jointing sleeve WRJMZ which is internally screwed over the sheath of one of the cables, so the seal pot and conductors protrude through. It is recommended that the conductor joints on multi-core cables are staggered. The conductors should be cut to length, cleaned and jointed together. Up to 240mm² conductor size Compression Connectors can be used, ensuring they push against the stop inside the connector before using, so forming a compression butt joint. Guidance on suitable connectors & their integrity should be sought from the supplier of the compression connector.

Each conductor joint should then be insulated with several laps of suitable insulating tape. The brass-jointing sleeve should then be brought over the joint area and the gland bodies screwed into each end, tightening the gland back nuts to complete the joint and secure into position. For joints in cables requiring a corrosion protection covering, all the exposed joint and cable should be taped with a layer of half lapped tape overlapping 25mm onto the cable over sheath each side of the joint area. The whole joint and cable ends should receive another two layers of half lap all weather tape. A colour match to the cable over sheath can be obtained by adding one layer of coloured general-purpose tape.

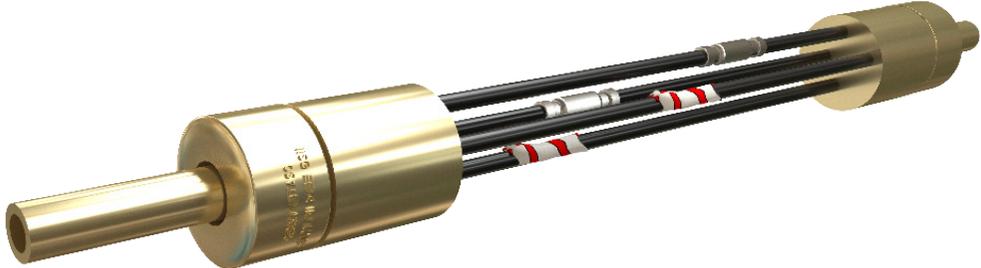
Gland and Joint Sleeve Size	Length of Sheath to be Stripped
20mm	52mm
25mm	80mm
32mm	90mm
40mm	115mm

Jointing Procedure

When the joint is to be buried underground or situated in a damp condition, the threads of the glands and the joint, sleeve should be coated with a suitable thread sealant.

Names	Ref
Brass Joint sleeves	WRJMZ/20mm / 25mm / 32mm / 40mm
PLAIN Seals	WRPS - Followed by cable size
BRASS Glands	WRGM - Followed by cable size
PVC Sleeving	WRZP - Followed by conductor size

Close up of jointed staggered conductors. Bottom two taped over



Conductors cut to length to allow for staggering

