Lugs and Sleeves for ABC

Pre-Insulated Bi-Metal ABC Tension Sleeves

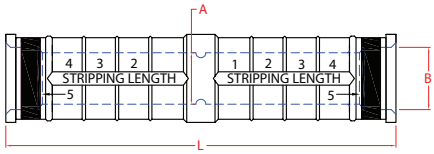
CABAC's MJPT Sleeves are used for full tension joining of ABC (Aerial Bundled Conductor) cables.

The pre-insulated compression sleeve consists of a 1050A aluminium tube coated internally with contact grease and a stop to ensure that the conductors are correctly positioned.

The sleeve is insulated by means of a strong sheath of thermoplastic polymer material and has ends with an additional insulation ring coloured to indicate the size of conductor.

The linesman's job is made easier by markings that show:
- Positions and crimping order
- Length of insulation to be stripped from the cable core
- Die size required
- Fitting reference code
- Colour code to select size

Installation
- Strip the conductor to the right length (L indicated on the sheath)
- Slide the sleeve on the conductor until it stops
- Crimp the sleeve with correct hex die in the order marked on the sleeve
- Repeat the same operation on the other conductor in order to complete the connection



Catalogue No.	Dimensions (mm) A	B	L	Die A/F (mm)	Tooling	No of Crimps per end	Colour
MJPT95	12.5	16.5	125	21.5	HT51 / RHU131-C B131-C / HT131-C, HT131-UC, RHC131, / ECW-H3D	5	Grey
MJPT150	15.5	19.5	125	21.5		5	Violet

Technical Data

Conductive Material
Aluminium 99.6% Pure Insulating Material
Thermoplastic Polymer

Operating Temperature
-55°C to 100°C

Conformant Standards

HN 33 S 66	August 1985 EDF
HN 33 E 60	August 1988 EDF

Accepting Authorities
Electricity Services Victoria, Energy Australia and many other recognised authorities

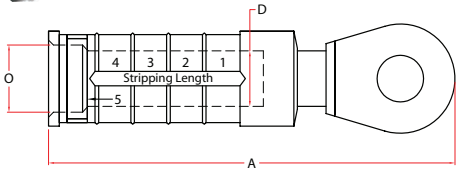
Pre-Insulated Bi-Metal ABC Lugs

CABAC Bi-Metal Aerial Bundled Cable (ABC) style lugs are designed to connect ABC cables to transformers, switchgear etc on the pole top. They are pre-insulated so there is no requirement for insulation, heatshrink etc at the pole top.

Features include:
- Stripping lengths, die size, crimp number and sequence is moulded onto the lug insulation
- Lugs are colour coded for identification of cable sizes
- The end seal gives a 6kV under water dielectric strength
- The lug is pre-filled with jointing compound for improved Electrical contact

To install the lug, simply strip the ABC conductor to the strip length indicated on the insulated barrel, and crimp using a hydraulic tool. The CABAC HT51 crimp tool is specifically designed for this purpose, however any 13 tonne tool can be used

Catalogue No.	Dimensions A	D	O (mm)	Nominal Conductor (mm^2)	Colour Coding	Stud Size (mm)	Tooling	Die A/F Hex (mm)
BMABC50	95	8.5	12.2	50	Yellow	12	HT51, HT131-UC, RHC131, HT131-C B131-C	17.3
BMABC95	114	12.5	16.0	95	Grey	12		21.5
BMABC150	114	15.5	18.75	150	Violet	12		21.5



Technical Data

Material

Barrel	Aluminium
Palm	Copper

Conformant Standards
AS4325, BS4579, IEC France, AS/NZS 4396:1996 Appendix D7.3 (Test)

Weld Type
Friction Weld