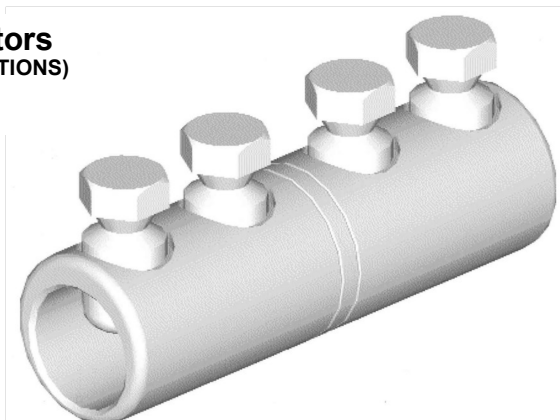


Straight mechanical  
ferrule with moisture /  
contaminant block

## MECHANICAL CONNECTORS

### MF15/.../SH Connectors (WAVEFORM POLE TERMINATIONS)



#### Principle Application:

For the connection of solid sector shaped cores to ABC stranded circular cores.

#### Range:

| Connector<br>Reference<br>(Part Number) | Core C.S.A. (mm <sup>2</sup> ) |     |                |     |        |     |
|-----------------------------------------|--------------------------------|-----|----------------|-----|--------|-----|
|                                         | Circular Stranded ABC          |     | Waveform Solid |     |        |     |
|                                         |                                |     | 3 Core         |     | 4 Core |     |
|                                         | Min                            | Max | Min            | Max | Min    | Max |
| MF15/1/SH                               | 70                             | 95  | 70             | 95  | 70     | 95  |
| MF15/2/SH                               | 70                             | 95  | 120            | 150 | 120    | 185 |
| MF15/3/SH                               | 70                             | 95  | 120            | 185 | 120    | 185 |
| MF15/4/SH                               | 95                             | 120 | 240            | 300 | 240    | 300 |
| MF15/5/SH                               | 50                             | 120 | 95             | 240 | 95     | 240 |

Note: For jointing other core configurations/sizes please contact Sicame Engineering Department

The MF15/SH range of single shear head mechanical connectors incorporate an integral moisture/contaminant block and comes complete with core stripping guides.

### MF15/.../SH/T Connectors (TINNED)

#### Principle Application:

For the connection of copper neutrals to ABC conductor core.

#### Range:

| Connector<br>Reference    | Core C.S.A. (mm <sup>2</sup> ) |     |                |     |
|---------------------------|--------------------------------|-----|----------------|-----|
|                           | Circular Stranded ABC          |     | Waveform CNE's |     |
|                           | Min                            | Max | Min            | Max |
| MF15/1/SH/T<br>(51803-49) | 70                             | 95  | 43             | 60  |
| MF15/2/SH/T<br>(3395-564) | 70                             | 95  | 75             | 115 |
| MF15/3/SH/T               | 70                             | 95  | 77             | 115 |

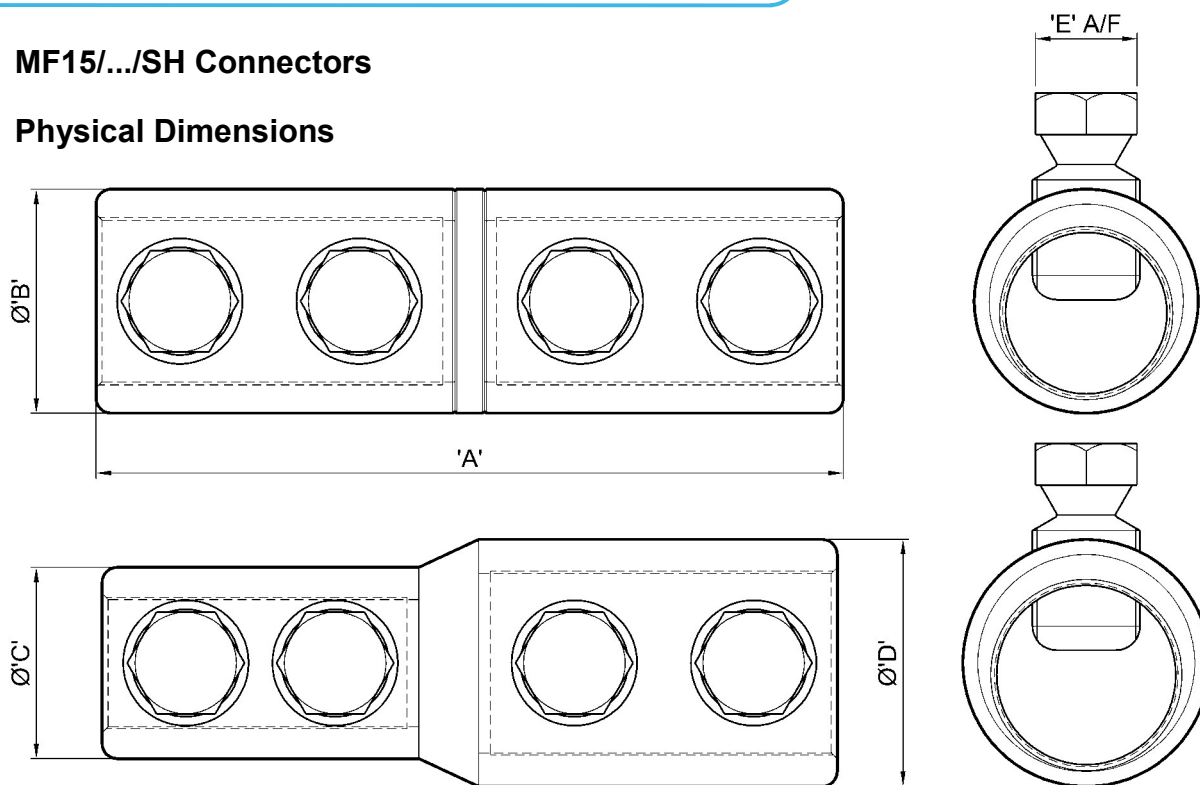
Note: For jointing other core configurations/sizes please contact Sicame Engineering Department

Straight mechanical  
ferrule with moisture /  
contaminant block

## MECHANICAL CONNECTORS

### MF15/.../SH Connectors

#### Physical Dimensions



| Connector Reference | Dimensions (mm) |      |      |      |         |
|---------------------|-----------------|------|------|------|---------|
|                     | 'A'             | Ø'B' | Ø'C' | Ø'D' | 'E' A/F |
| MF15/1/SH           | 107.0           | 28.0 | N/A  | N/A  | 17.0    |
| MF15/2/SH           | 111.0           | 32.0 | N/A  | N/A  | 17.0    |
| MF15/3/SH           | 125.0           | 37.5 | N/A  | N/A  | 17.0    |
| MF15/4/SH           | 123.0           | N/A  | 32.0 | 41.3 | 17.0    |
| MF15/5/SH           | 119.0           | N/A  | 32.0 | 37.5 | 17.0    |

#### Material:

Aluminium Alloy

#### Test Specification:

Engineering Recommendation C79 / IEC 1238-1.

#### Fitting instructions:

1. Strip insulation from each core equal to the depth of the bore guide + 5mm.
2. Thoroughly abrade exposed conductor cores. (See note).
3. Position the conductor cores within the connector ensuring they are fully located.
4. Fit the shear bolts and tighten consecutively one turn at a time until the bolts have sheared.

Note: When jointing copper conductor, wrap the core with the brass gauze supplied prior to installation.