

Moisture blocked stop end
mechanical ferrule for
medium voltage applications

MECHANICAL CONNECTORS



MFS18 Connectors



Principle Application

Stop end jointing of stranded / solid sectoral conductors.

Range

PRODUCT REFERENCE	CORE C.S.A. (mm ²)				APPROX. UNIT WEIGHT (grammes)
	STRANDED		SOLID		
	MIN	MAX	MIN	MAX	
MFS18/1	10*	95	10	70	TBA
MFS18/2	16	185	16	150	TBA
MFS18/3	70	300	70	240	TBA

Note: For jointing other core configurations/sizes please contact Sicame Technical Dept

The **MFS18** range of mechanical connectors utilises the patented "universal" range taking shear bolts and comes complete with core stripping guides.

Suitable for all cable voltages up to and including 11000 volts.

Secondary Application

Stop end jointing of stranded/solid circular cored conductors.

Range

PRODUCT REFERENCE	CORE C.S.A. (mm ²)				APPROX. UNIT WEIGHT (grammes)
	STRANDED		SOLID		
	MIN	MAX	MIN	MAX	
MFS18/1	10*	95	10	185	TBA
MFS18/2	16	185	16	300	TBA
MFS18/3	70	300	70	400	TBA

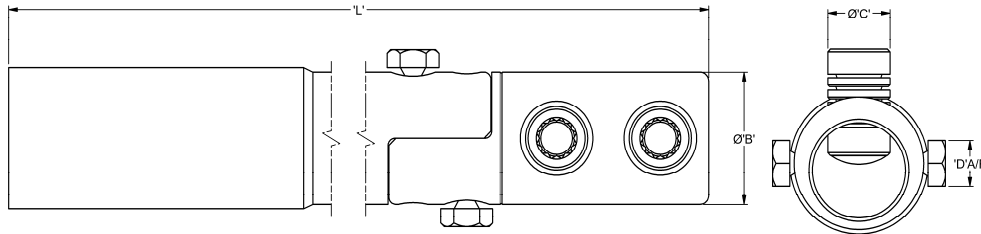
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Physical Dimensions



PRODUCT REFERENCE	DIMENSIONS (mm)			
	L	ØB	ØC	D A/F
MFS18/1	337.0	28.0	M16	13mm
MFS18/2	337.0	32.0	M18	13mm
MFS18/3	349.0	37.5	M18	13mm

Material: Aluminium Alloy/Polyethylene

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. Place the connector onto the conductor core, tighten the universal shear bolts consecutively one turn at a time until both bolts have sheared, using the correct tightening tool and holding tool.
4. De-burr and clean the connector as appropriate ensuring the profile of the screws are level with the connector body and leaving no sharp edges.

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

Conductor cores 10mm² and below should be doubled to achieve the necessary cross-sectional area.

IMPORTANT: Please note when using the MFS connectors in joints nominally rated in excess of 3.3kV, it is essential that the Jointing System Supplier's instructions for stress relieving and re-insulation techniques are strictly adhered to.