



## RAYCHEM JOINTING SYSTEM MXAW

### FOR AWA CABLES UP TO 36 KV, WITH MECHANICAL CONNECTORS

#### KEY FEATURES

- All-inclusive kit
- Short and slim design
- Based on elastomeric triple layer joint sleeves
- No crimping tools or tool maintenance required
- Robust and reliable armor continuity
- Meets HD 629.1 S2

TE Connectivity (TE) through the Raychem product line, offers a comprehensive range of joints for all cable types. The MXAW jointing system is based on a joint design using mechanical connectors and is a well-established component in today's complex underground power distribution networks.

The mechanical connectors supplied with the kit are for conductor and aluminium armour wire. It is due to the shearbolt technology that this system is easy to install as no crimping tool is required when connecting the cables.

TE's Raychem jointing system MXAW provides high levels flexibility especially as the kits are widely range-taking and cover most conductor constructions including their tolerances.

Reliability and performance are essential when it comes to customer demands and the MXAW joints meet this demand by exceeding international performance standards including CENELEC HD 629.1 S2 or IEC 60502-4 for joints.

The short and space-saving design of MXAW is perfect in underground environments where space is limited; bulky waste and costly waste disposal are avoided.

**Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.**



TE's Raychem name is synonymous with reliability in extreme environments and conditions. TE's Raychem MXAW cable accessories are designed to withstand environmental extremes over long operating lifetimes and offer easy installation.



## PRODUCT SELECTION INFORMATION: DIMENSIONS IN MM

Description	Cross Section Range [mm <sup>2</sup> ]				Diameter Conductor mm	Diameter Over Core Insulation mm	Diameter Cable Over Sheath mm
	12 kV	17.5 kV	24 kV	36 kV			
MXAW-5131	-	-	95 - 185	-	10.3 - 17.6	23.0 - 31.2	37 - 43
MXAW-5132	-	-	150 - 300	-	12.9 - 21.6	25.8 - 34.6	40 - 48
MXAW-5141	-	-	240 - 400	-	17.8 - 24.6	29.4 - 38.8	44 - 54
MXAW-5151	-	-	500	-	25.5 - 27.6	37.2 - 41.6	48 - 56
MXAW-5161	-	-	630	-	29.0 - 32.5	39.2 - 44.7	50 - 60
MXAW-6131	-	-	-	150 - 300	13.9 - 21.6	31.1 - 39.6	43 - 55

## ORDERING INFORMATION

TE Connectivity's MXAW has a very long shelf life and, as a result, simplifies material logistics. This jointing system is based on the standard MXSU design including the cutback dimensions and Rayfit Technology.

[te.com/energy](http://te.com/energy)

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