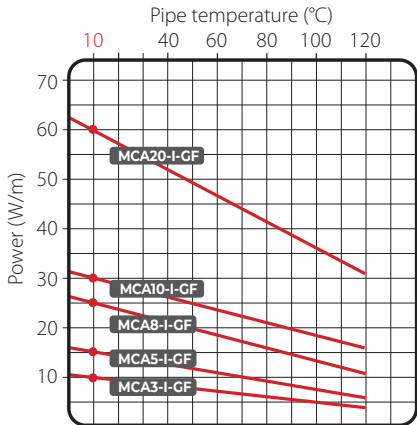


# MCA-I-GF

**Self-regulating** heating cables for anti-freeze or temperature maintenance use with exposure to **corrosives and acids**.

Suitable for maintaining process temperatures **up to 120°C** on piping and tanks, even in the presence of acids and corrosives, or for anti-freeze use where acids and corrosives are present, in safe areas. Not suitable for use in the presence of steam washing.



**CONSTITUTION OF THE CABLE**

- Copper conductors
- Self regulating conductive core
- Fluoropolymer insulation
- Copper screen
- Modified polyolefine outer sheath

**Type of surface to be tracked:**  
Steel - Painted - Stainless Steel.

**Chemical resistance:**  
Suitable for exposure to corrosive and organic acids.

Product	Power voltage (V)	Power at 10°C (W/m)	Minimum installation temperature (°C)	MAX Temperature Continuous with powered cable (°C)	MAX Temperature with no powered cable (°C)	Bending radius MIN (mm)
MCA3-I-GF	230	10	-60	120	120	25
MCA5-I-GF		15				
MCA8-I-GF		25				
MCA10-I-GF		30				
MCA20-I-GF		60				

ELECTRICAL SIZING	Starting temperature (°C)	MAXIMUM LENGTH OF THE CIRCUITS IN THE HEATING CABLE (m)														
		MCA3-I-GF			MCA5-I-GF			MCA8-I-GF			MCA10-I-GF			MCA20-I-GF		
		+10°	-15°	-25°	+10°	-15°	-25°	+10°	-15°	-25°	+10°	-15°	-25°	+10°	-15°	-25°
Switchgear protection (A), with C curve and 30mA* differential protection*	16 A	200	180	175	165	130	117	120	97	88	85	73	69	50	41	38
	20 A	235	235	235	189	162	152	140	125	120	114	98	92	64	55	52
	30 A	-	-	-	-	-	189	-	-	140	-	-	114	-	-	64

\* Suggested where protection of people is requested; installations with no personnel admittance can be performed with 100 to 300 mA.

**MCA-I-GF connection accessories**

<p><b>MCA Universal IP68</b></p> <ul style="list-style-type: none"> <li>• Connection kit integrated with the terminal box.</li> <li>• Termination Kit.</li> <li>• Joint Kit.</li> </ul>	<p><b>MCA-Y</b> Branch Kit.</p>	<p><b>MCA-BOX3 / 4</b> Connection boxes between heating cables or heating and power cables.</p>	<p><b>MCA-AL</b> Thermal insulation pass-through kit.</p>	<p><b>MCA-PRESS</b> Cable gland.</p>	<p><b>MCA-EA</b> Warning label.</p>	<p><b>MCA-FV</b> Glass fiber tape.</p>	<p><b>MCA-ALL</b> Aluminium self adhesive tape 25 or 75 mm.</p>
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For other accessories see page 219