

MULL'AIR 400

LAPP MULLER's 400 Hz Ground Power Cable Range for Aircraft



alive BY  **LAPP**

Since 1939, we at LAPP MULLER have built our reputation on custom cables and high-performance solutions. As the high-technology division of the LAPP Group for over 20 years, we leverage extensive expertise in designing and producing specialized cables, including dynamic, hybrid, and customized solutions that integrate electrical, pneumatic, optical, and hydraulic functions. Supported by our design office, project engineers, and cable-connector-anchoring systems, we continuously innovate to meet diverse industry needs.

In the aviation sector, airport platforms are prioritizing emission reductions, with ground operations serving as a key driver for decarbonization. Electrification is central to this transition, and we are leading the way with advanced cabling solutions. Our MULL'AIR range offers 400Hz and 28DC cables for aircraft ground power supply, available in fixed, mobile, or reel configurations for civil and military aviation. Designed to meet specific requirements, our cables feature compact designs, reduced diameters, optimized weight, and great flexibility even at low temperatures, ensuring ease of use for ground operators. The resistance to mechanical stresses, UV rays, and weather conditions, as well as to abrasion, allows for a long lifespan on airport runways.

For customized needs, we go beyond standard offerings. With a historical experience in the development of custom cables, we provide tailored solutions. LAPP MULLER deliver tailored solutions that meet unique specifications in type, design, mechanical or thermal properties and manufacture. Our nearly unlimited production possibilities ensure that we can fulfill even the most specific requirements, adapting fully to our customers' needs. Rest assured you will be in direct contact with LAPP MULLER throughout the entire process: from the enquiry qualification, to the feasibility check, through to the provision of quotations and logistical handling, we will always be in close contact with you.



*Scan the QR code
to learn more about us*



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- ◇ Extra flexible copper conductors
- ◇ Abrasion-resistant and halogen-free PUR jacket
- ◇ Optimized construction for durability
- ◇ Low bending radius, highly flexible and easy to handle
- ◇ Operating temperature: -30°C to +80°C flame-retardant
- ◇ UV, weather & Oil resistance
- ◇ Fixe, mobile or reeling applications
- ◇ Low minimum order quantity
- ◇ Customised solutions are also available on request



Composition of the MULL'AIR Range

Product Name	Nb Core x Cross Section	Article Number
MULL'AIR 400	7x25 mm ² + 6x3x1 mm ²	055081
	7x35 mm ² + 6x3x1 mm ²	047798
	7x35 mm ² + 6x4x1 mm ²	118337
MULL'AIR 400 E-FLEX Extra-flexible & reelable cable	7x35 mm ² + 6x3x1 mm ²	040798
	7x35 mm ² + 6x4x1 mm ²	046819
MULL'AIR FLEX 1 Single core with control wires cable	1x35 mm ² + 4x1 mm ²	111296
	1x50 mm ² + 4x1 mm ²	118334
	1x70 mm ² + 4x1 mm ²	078382
	1x120 mm ² + 4x1 mm ²	069846
MULL'AIR 400 FLEX 3 3-twisted cores with control wires	3x(50 ² +8 x2.5 ² +8x1 ²)	117975
	3x(70 ² +10 x2.5 ² +8x1 ²)	057795
MULL'AIR 400 FLEX 4 4-twisted cores with control wires	4x(1x50 mm ² + 4x1 mm ²)	118335
	4x(1x70 mm ² + 4x1 mm ²)	058526



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