

ELECTRICAL CABLE DRUM

Product sheet
Electrical Cable Drum

V. 1, 2020-08-20

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Micropol's Electrical Cable Drum enables constant communication with the vehicle during the in- and out rolling process of the fiber optical cable. This is done using a unique fiber optic solution developed by Micropol and allows protocols to be sent from standard SFP modules at 1310nm or 1550nm (no need for WDM).

This also allows the vehicle's sensors, cameras and control systems to communicate without interruption during the total operation.

Should other configurations be requested, we are pleased to customize a solution for your particular need.

FEATURES

- Built for tough environments
- Continuous communication
- No control over RF
- Not sensitive for electromagnetism
- SM or MM fiber



TECHNICAL SPECIFICATIONS

Outer dimensions	Total width incl. cable guards 460mm Height 210mm Length incl. mounting brackets 410mm
Max cable length	800m with Ø3mm cable 250m with standard cable Ø5mm
Max peak torques	25 Nm
Max continuous torque	9 Nm
Max speed	6 km/h



FOR MORE INFORMATION

Check www.micropol.com or call us on +46 (0)35 260 72 18.



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TECHNOLOGY LEADER IN PASSIVE FIBER OPTICS

At Micropol we combine unique design and production technology to offer more complex and compact solutions for passive fiber optics. Our work is of extreme high precision and we are known for providing short lead times, high quality and customized applications.

Regardless of the application, we have the knowledge and the capacity to manufacture the product needed – either according to the customer's specification or as a specially tailored solution. All our products are manufactured in our own facilities.

Our customers are found in a large variety of markets where advanced fiber optic solutions are crucial. Our products are used in a whole range of technologies, from complex fiber optic networks for telecom and data communication, to advanced sensor systems for industrial (e.g. mining, forest and offshore), medical and military applications.

Made to last a lifetime

We are proud to be a vital link between the information community of today and that of the future. We have always built our success on long term relations, knowledge and solid craftsmanship to provide the highest quality and the best service. Solutions made to last a lifetime.

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