



Mini SMG - Slotted Microwave Guide

Data transmission system

VAHLE Complete Solutions: Advanced communication systems integrated with conductor bar, positioning and control solutions.

Features

- Compact size and dimensions - 40mm x 20mm
- Seamless integration with existing VAHLE products
- Allows for integrated communication in conjunction with conductor, positioning and control systems
- High bandwidth - 100 Mb/s
- Zero signal leakage - no interference with other RF networks (iWLAN, Bluetooth, ZigBee, ...)
- Easy installation - snap in compact hanger
- Data transmission unaffected by application speed or other RF signals
- Suitable for tracks with curves, conductor dead sections and switches

Technical Data

Dimensions:	40mm x 20 mm
Temperature range:	0 – 55 °C
IP protection:	IP 40
Supply voltage:	24 VDC
Power consumption:	< 12W
Interface:	Ethernet 100 Mbps
Maximum segment length:	300 m
Vehicles per segment:	32
Minimum bending radius:	
Horizontal curves:	750 mm
Vertical curves:	2300 mm