

A2K-BULK-100M Micro Bulk Cable Ree



UL certified, high quality cable available in 100 metre reels to create or extend an NMEA 2000® backbone...

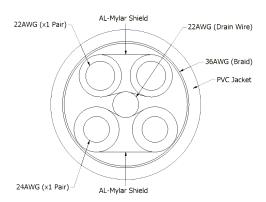
This cable can be used to create or extend an NMEA 2000® backbone of flexible lengths to suit any installation. The cable is ideal for use with the Actisense QNB-1 Quick Network Block and the QPD-1-GLA, Quick Power Drop.

The cable is UL certified to provide complete peace of mind for installers.

The Actisense range of NMEA 2000® connectors and cables has been designed using our specialist interconnect and NMEA knowledge. All Actisense products are NMEA 2000® certified and fully compatible with other NMEA 2000® connectors and devices.

The NMEA 2000® cable includes five wires within a single waterproof cable: power and ground wires, two signal wires and a drain wire. The drain wire connects to the cable shield which protects the signal, power and ground wires from external Radio Frequency Interference (RFI) and helps reduce RFI emission from the cable.

NMEA 2000® micro cable can be used to create a backbone up to 100 metres in length. If the backbone length required exceeds 100 metres, the centre of the bus can be extended with the NMEA 2000® mini cable to keep the outer micro sections to the 100 metre maximum.



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Cable				
Rated Voltage	60V DC			
Rated Current	3A			
Braid Material	37 AWG tinned copper			
Braid Coverage	65% minimum			
Jacket Material	0.8mm Nom. PVC, black			
Jacket Outer Diameter	6.85mm ±0.254mm			
Overall DCR (braid + tape + drain)	3.2Ω / 1000ft (10mΩ/M)			
Reel Length	100m			
Reel Weight	7.7kg			
Power Pair				
Conductor	22 AWG (19 strand tinned copper)			
Insulation	0.3mm Nom. PVC			
Diameter	1.43mm ±0.05mm			
Colours	Red & black			
Shield	AL Mylar tape over pair			
DC Resistance	17.5Ω / 1000ft (57mΩ/M)			
Data Pair				
Conductor	24 AWG (19 strand tinned copper)			
Insulation	0.65mm Nom. foam PE			
Diameter	2.0mm ±0.05mm			
Colours	Blue & white			
Shield	AL Mylar tape over pair			
Impedence	120Ω ±10%			
DC Resistance	28Ω / 1000 ft (92mΩ/M)			
Attenuation @ 125 kHz	0.29dB / 100ft			
Attenuation @ 500 kHz	0.50dB / 100ft			
Attenuation @ 1 MHz	0.70dB / 100ft			
Drain				
Conductor	22 AWG (19 strand tinned copper)			
DC Resistance	17.5Ω / 1000ft (57mΩ/M)			
Approvals and Certifications				
Operating Temperature	-25°C to +75°C			
Storage Temperature	-40°C to +85°C			
NMEA 2000 Approved				
RoHS Compliant				
UL Certified (E137250), (UL1277)				