

## EBS Trailer coiled cables for the spare parts market

Major progress in terms of trailer brake control has been achieved through the electronic transmission of the driver braking request. Because this request is put to immediate effect in the Trailer EBS, valuable split seconds are saved in the event of an emergency, reducing the braking distance.

This means that the old ABS coil is no longer just a power supply but also the only transmitter of the important CAN bus braking information. The additional safety-related function makes high demands on function and quality of the cable. To be able to offer the best possible cable for the bottom price segment WABCO have made a great effort to optimise the manufacturing costs, by using more cost-effective contacts for example. Quality was nevertheless an important factor for approval of the new "Standard" coiled cable. The new variant had to prove in extensive test runs its long-term compliance with all the safety requirements according to ISO 7638 and ISO 4141.



Coiled cable "Standard" \*  
446 008 700 0

We present the result next to the more expensive and high-quality cables of the "Classic" and "Economy" series for comparison.

Overview WABCO coiled cables			
Variant	Classic	Economy	New: Standard *
Part number	446 008 243 0	446 008 244 0	446 008 700 0
Cable diameter	Ø13.3	Ø13.3	Ø12.2
Coil diameter	Ø 110 +/-5	Ø 55 +/-5	Ø 53 +/-5
Overall number of coils	16 (+/-2)	35 (+/-2)	30 (+/- 2)
Contacts	Turned part	Turned part	Stamped part
Permissible extension length	4.5m	4.5m	4.0m
Wear resistance	excellent	excellent	good
Specified reversed bending	50000	50000	20000
Max. working length	3m		
Conductor cross-sections	2 x 4mm <sup>2</sup> , 5 x 1.5mm <sup>2</sup>		
Protection	IP54		
Therm. range of application	-40°C - +80°C		
Voltage (coding)	24V		

\* WABCO recommend use on single trailers and 'B' double combinations only

The new "Standard" coiled cable is available now.  
Here's another WABCO product you can rely on to bring your vehicle home safe and sound!