

DATENBLATT

ES&S cable assemblies with railway approval



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BESCHREIBUNG

Cable assemblies or railway cables with approval are used in the most diverse areas. Whether it is a question of power supply on board, in the rail base, various control functions, data transmission, display indicators or complete cable networks, the areas of application are numerous and individual – high-quality cable solutions with the highest requirements are needed.

ES&S is the right contact here. We manufacture customer-specific cable assemblies with railway approval – fast, reliable, with the highest possible demands on quality – specially adapted and aligned to the special requirements. Our railway approved cable assemblies are halogen-free, flame retardant, self-extinguishing and fulfil numerous other properties.

OUR WEB-ACCEPTABLE CABLE SOLUTIONS HAVE THE FOLLOWING CHARACTERISTICS:

- halogen-free
- heat resistant, cold flexible, weather resistant
- ozone-resistant
- oil and chemical resistant
- no fire propagation
- flame retardant and self-extinguishing
- flexible
- rotatable and torsional
- good EMV-characteristic
- tested according to the American ASTM standard
- good transmission characteristics and near-end crosstalk attenuation

OUR CABLE ASSEMBLIES AND MATERIALS USED MEET THE FOLLOWING STANDARDS:

- EN 50288-2-2
- EN 50288-4-2
- EN 45545-2
- EN 50306-2
- EN 50306-1

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- EN 60332-1-2
- DIN 5510-2
- NFPA 130
- IEC 611156-6
- IEC 60332-1-2

All additional materials such as cable ties, protective sleeves, heat-shrinkable sleeves and cable lead-throughs/sheathings that we use in our cable assemblies can also be produced and supplied with railway approval.

WE CAN PROCESS THE FOLLOWING CABLE TYPES FOR YOU:

- CAT5 / CAT6 / CAT7/ Ethernet cables
- shielded and unshielded control cables
- connection lines
- single stranded wire assembly
- twisted-pair data lines
- silicone cables

Technical problems are often not optimally solved with standard cables. Of course we also fulfil other parameters than those mentioned. We would be pleased to offer you our know-how and advise you in the field of cable assembly permitted for railway applications. We will find a solution. Just contact us.

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BILDER



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