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Huawei DQ ODN Awarded TÜV SÜD's First Global Mark for Passive Fibre Optic Products

China/Shenzhen. On December 29, 2020, TÜV SÜD granted its first Global Mark for Passive Fibre Optic Products to Huawei, a leading global provider of information and communications technology (ICT) infrastructure and smart devices, for its Digital QuickODN Solutions (DQ ODN). The certificate indicates that the high mechanical reliability, environmental reliability and optical performance of Huawei's DQ ODN related products comply with international standards requirements, adding a competitive advantage to Huawei in the global marketplace.



Mr. Radu Gosav (Left), Director of EMC & RF of TÜV SÜD North Asia awarded the certificate to Mr. Qisheng Wu (Right), Director of Fiber Infrastructure Network of Huawei

TÜV SÜD global mark for passive fibre optic products has formulated more stringent standards in testing the mechanical reliability, environmental reliability, pre-and-post retrofit airtightness, and optical performance. It is applied to a series of optical distribution network (ODN) products, including

connectors, optical components, and various types of protective cover. So far, TÜV SÜD has launched three kinds of marks for different product categories:



High Performance

- Water Resistance: IP 68
- Damp Heat Test: 75°C 95%RH 1000hr
- Impact Strength: IK10

Low Attenuation: Grade B

Hardened Connector (Fusion Free)

tuvsud.com/ps-cert

For ODN Closure



High Performance

- Water Resistance: IP 68
- Damp Heat Test: 75°C 95%RH 1000hr
- Connector Tensile Strength: 800N

Low Attenuation: Grade B

Hardened Connector (Fusion Free)

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For ODN Distribution Cable Connector



High Performance

- Water Resistance: IP 68
- Damp Heat Test: 75°C 95%RH 1000hr
- Connector Tensile Strength: 300N

Low Attenuation: Grade B

Hardened Connector (Fusion Free)

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For ODN Drop Cable Connector

With the release of the first global certification for passive fibre optic products, TÜV SÜD will continue to make efforts in the optical fiber communications industry to provide comprehensive testing and certification services for the safety and quality of laser products, optical fiber communications products and systems.

“High-quality ODN network is the cornerstone for operators to achieve business success. By joining hands with TÜV SÜD, the premium testing and certification provider of optical communication products, we demonstrate the high quality and reliability of our DQ ODN products which can guarantee the all-optical network to support long-term business evolution of operators. Furthermore, its features of plug-

and-play and easy-to-install can significantly reduce the cost, improve the efficiency of network construction, and shorten the return on investment for the operators,” said Mr. Wu Qisheng, a representative from Huawei at the ceremony.

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Founded in 1866 as a steam boiler inspection association, the TÜV SÜD Group has evolved into a global enterprise. More than 25,000 employees work at over 1,000 locations in about 50 countries to continually improve technology, systems and expertise. They contribute significantly to making technical innovations such as Industry 4.0, autonomous driving and renewable energy safe and reliable.

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