

BizLink

ParaLink® Twinaxial copper cables

ParaLink®
*BizLink expertise
in high speed data
transmission*

Telecom & Networking

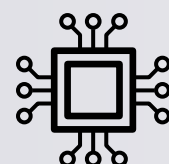


Multi-talented in versatile high speed applications

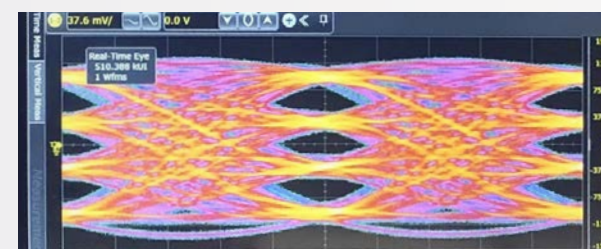


- Providing customized solutions and joint product development
- In-house product and process engineering
- State-of-the-art dielectric extrusion technology
- In-line process control and automated manufacturing
- Zero tension taping technology
- Unique twinax bundling process
- Cutting-edge RF-measurement capabilities

In box

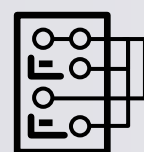


Your reliable connection with excellent signal integrity of single pairs.

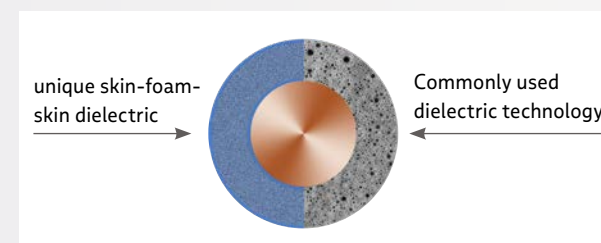


Excellent signal integrity of single pairs with superior channel performance.

Inside rack



Your way to high data rates with high density and high flexibility.

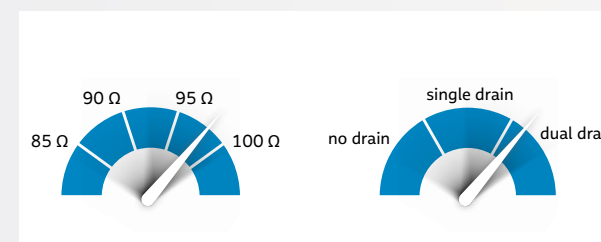


Suck-out free data transmission up to 60+ GHz and beyond with small and stable cable diameters from AWG 24 to 34.

Backplane



Your specified solutions with unlimited design possibilities.

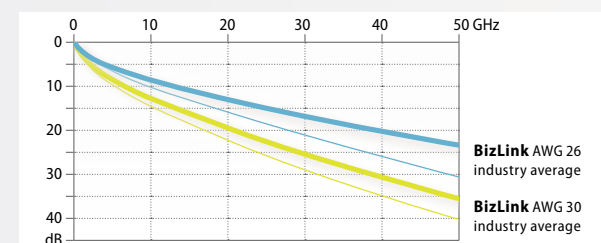


Configure our ParaLink single pairs in standard and individual designs.

Long length



Your channel for long transmission links with optimized signal integrity.



Insertion loss 15 – 20% improvement in different frequency ranges.

Secure and reliable

ParaLink is the safe and "green" low smoke, low toxicity and low corrosion solution for data centers:

- Halogen free and flame retardant outer jackets (LSZH)
- Acc. to RoHS III and CE-guidelines
- UL-certification according to National Electrical Code (NEC) for in-building solutions
- CPR B2ca certification possible
- UL13 type CL2(UL1685 vertical tray flame test UL version) or UL444 CM – certified
- Resistant to multiple flexure over small bending radii due to unique cable design and material use

new

ParaLink® for 200 G per lane



long length



inside rack

with skin technology



- Suck-out free performance up to 60+ GHz
- Optimized transmission characteristics by BizLink skin technology
- Available with halogen free and flame retardant outer jacket (LSZH)
- Pair drain position: dual drain pair design
- Excellent NEXT performance
- Optimal solution for Terabit-applications
- Supporting higher PAM modulations



ParaLink® 42s



long length



inside rack

with skin technology



- Suck-out free performance up to 42 GHz
- Optimized transmission characteristics by BizLink skin technology
- Available with halogen free and flame retardant outer jacket (LSZH)
- Pair drain position: dual drain pair design
- Excellent NEXT performance
- Optimal solution for Next Gen cabling systems, e.g. suggested for 56GB NRZ and 112GB PAM4 per channel application
- Available in 2,4 and 8 pair configuration
- Available in AWG 34 to 26
- Different jacket color options



ParaLink® 25s

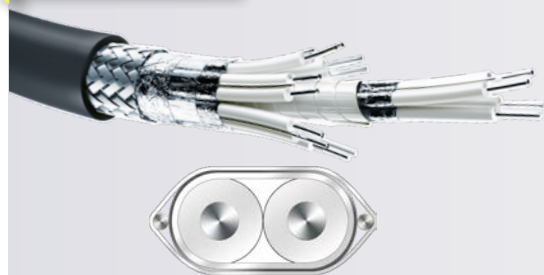


long length



inside rack

with skin technology



- Suck-out free performance up to 26.5 GHz
- Improved insertion loss and optimized SI performance
- Suggested for 100 GB, 200 GB and 400 GB Ethernet applications and Infiniband EDR & HDR
- Pair drain position: dual drain pair design
- Longitudinal pair shielding
- Available as "no drain" version with optimized outer Ø
- Available in single, 2, 4, 8 and 16 pair configuration
- Available in AWG 34 to 24
- Different jacket color options



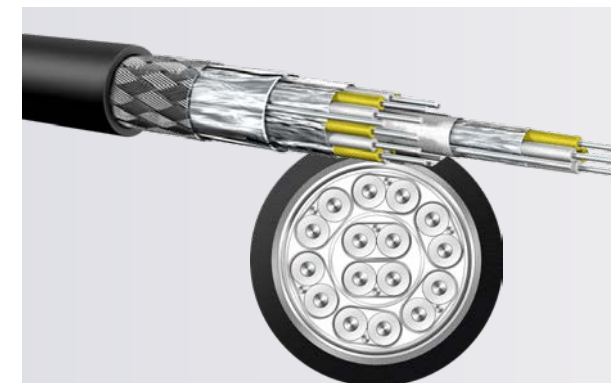
ParaLink® 11+



long length



inside rack



- Suck-out free performance up to 10 GHz
- Pair drain position: center drain design
- Spiral wrapped pair shielding
- Different jacket color options
- Available in single, 2, 4, 8 and 24 pair configuration
- Available in AWG 32, 30, 28, 26, 25 and 24



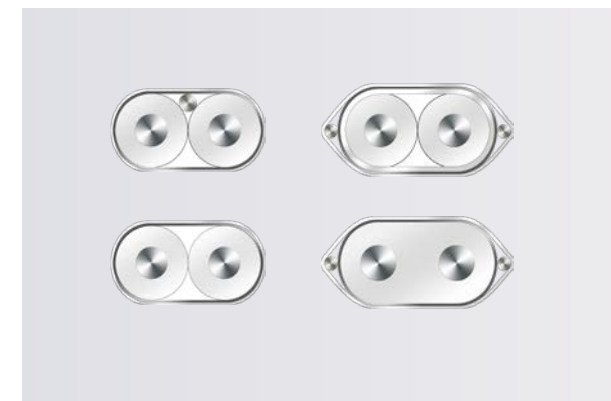
ParaLink® single pair



backplane

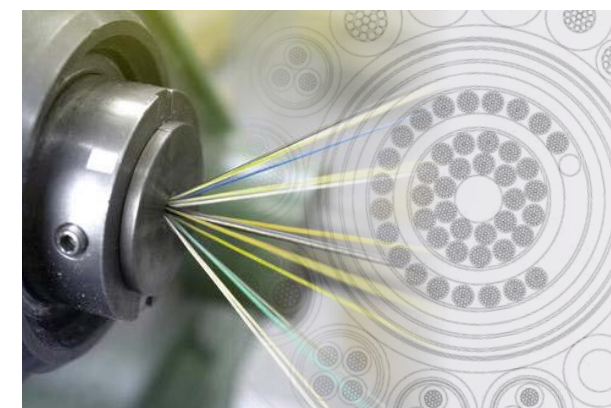


in box



- Frequency range up to 60+ GHz implemented
- Available in different drain wire options:
Dual side drains, single or no drain
- Wrapped pair shield design and longitudinal design possible
- Impedance 85, 92 and 100 ohm
- If required single pairs available with jacket
- Available in different AWG sizes

Custom Cable Designs



BizLink is able to offer an unlimited scope of custom hybrid or breakout cable designs for demanding high speed applications. Any cable construction is possible, e.g. differing AWG sizes, numbers of pairs, form factors, lengths, colors, including further single wires or single pair versions with application-specific impedances.

Just let us know – and we'll design your individual cable >



Telecom & Networking

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