LEONI Data Center & 5G Mobile Telecom

Data Center – Products & Solutions

10 – 400 G
DACs, ACCs
& breakouts

10 – 400 G
AOCs

10 – 400 G
loopbacks

ParaLink®
high speed data cables

Tomorrow:
Data center solutions including predictive analytics

Today:
10 – 400 G copper and fiber optic cabling solutions and test adapters
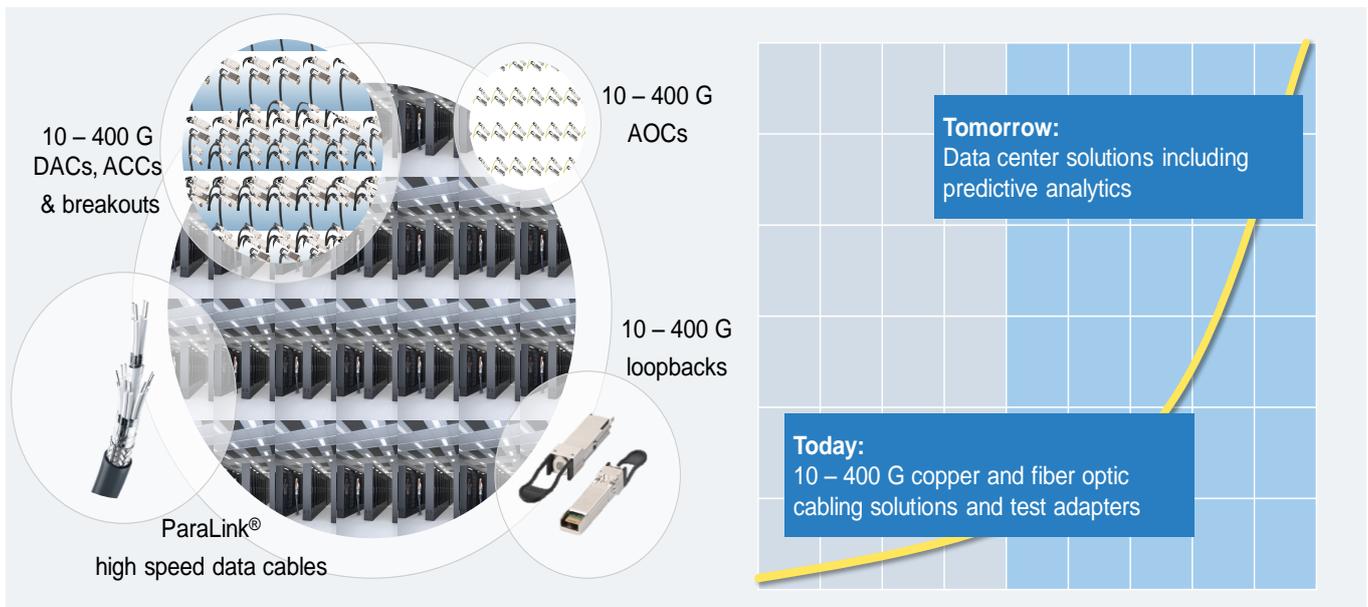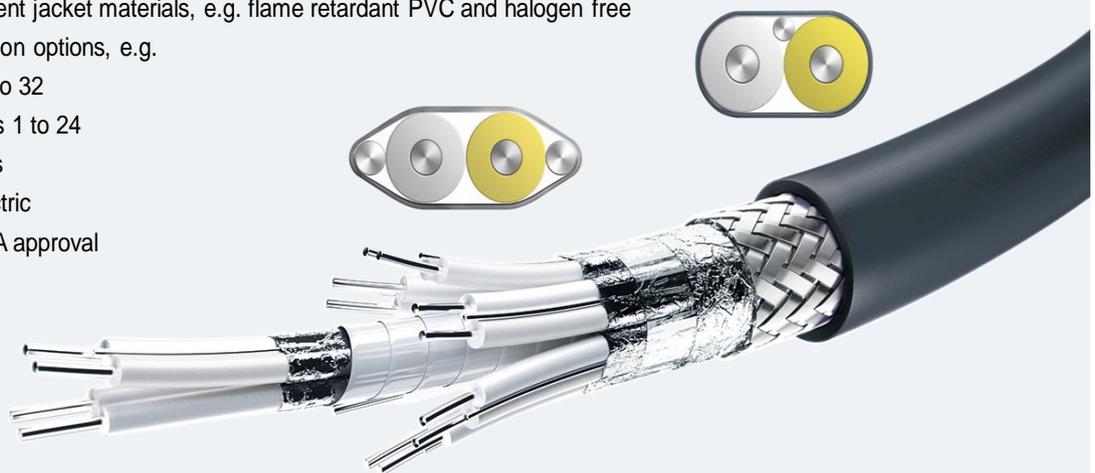
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Deep-Dive: ParaLink® - High speed data cables
For data center cabling

› For transmission of signals in data centers with speeds up to 100 Gbit/s per channel (PAM4)
› Parallel pairs (Twinax), separately shielded
› Available in different jacket materials, e.g. flame retardant PVC and halogen free
› Various construction options, e.g.
  › AWG sizes 26 to 32
  › Number of pairs 1 to 24
  › Hybrid solutions
› LEONIzell® dielectric
› VDE, UL and CSA approval

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Deep-Dive: High Speed Cable Assemblies & Loopback Test Adapters
For data center cabling

> Direct Attach copper cables, e.g.
> > SFP+, SFP28
> > QSFP+, QSFP28
> > QSFP-DD, OSFP
> Breakout cable systems, e.g.
> > Q-4S (QSFP+ on 4xSFP+, QSFP28 to 4 x SFP28)
> > Q-2Q (QSFP28 on 2xQSFP28)
> > Customised solutions involving cables & breakouts
> > QDD-2Q, QDD-4Q, QDD-8S
> > ODD-2Q, ODD-4Q, ODD-8S

> Available for form factors: SFP, QSFP, QSFP-DD, OSFP
> Diagnostic functions via LED (temperature, voltage/load)
> Different pull-tap color options
> Extended plug cycles due to special contact surface
> Operates in temperature range from 0°C to 70°C (SFP), up to 125°C (QSFP) and up to 85°C (QSFP-DD / OSFP)

5G Mobile Telecom

Core & Mobile Networks – Products & Solutions

IP68-tight jumper cables

UV resistant data cables

Hybrid FTTA cables incl. fiber and copper

Standard and customised coax cables

Tomorrow:
Smart solutions including sensor equipped connections and predictive analytics

Today:
Wide range of cables for various telecommunication applications in- & outdoors