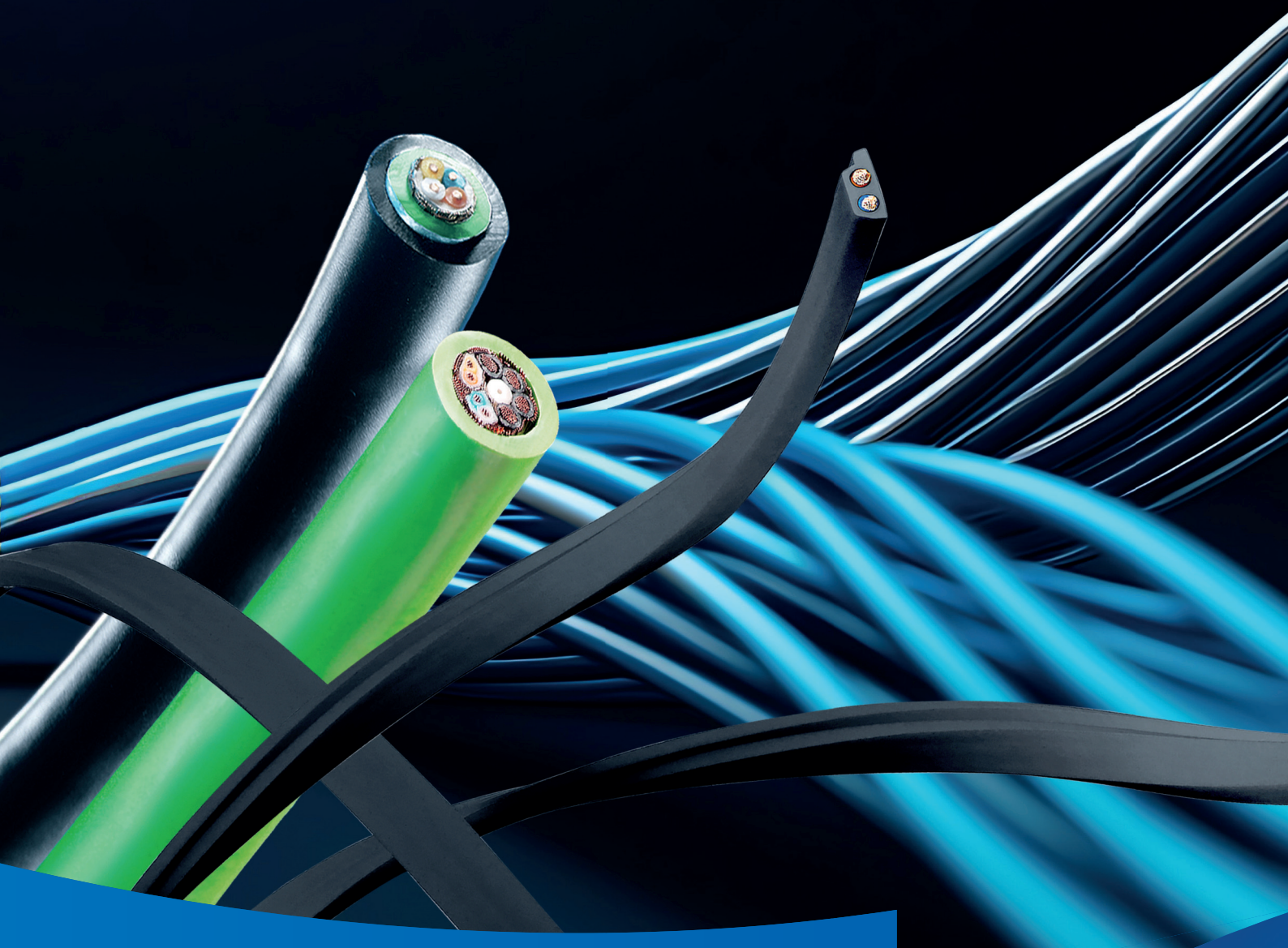


# High-Performance Cables Customized for Your Application Automation & Drives



Reliable, efficient, and durable –  
optimized cable solutions tailored  
to your specific requirements.

Factory Automation & Machinery

**BizLink**

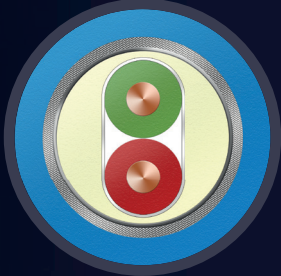
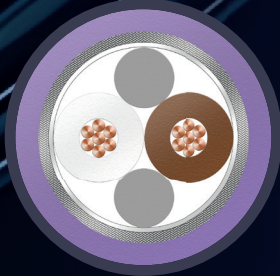
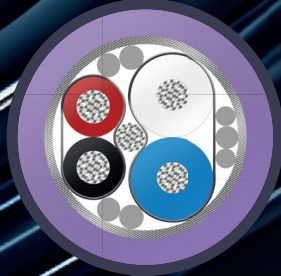
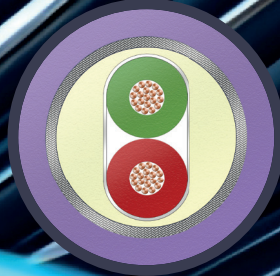
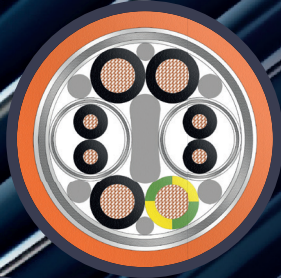
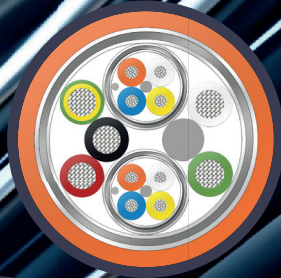


Hybrid Cable

Power Cable

Feedback Cable

PROFIBUS



PROFIBUS

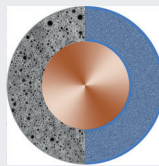
DeviceNet

CAN Bus

APL/SPE/  
PROFIBUS PA

### INSULATION OPTIONS

- |           |        |            |        |
|-----------|--------|------------|--------|
| • PE      | 105 °C | • PA       | 105 °C |
| • Foam PE | 80 °C  | • MPPE     | 120 °C |
| • PP      | 120 °C | • ETFE     | 150 °C |
| • Foam PP | 90 °C  | • FEP      | 200 °C |
| • PVC     | 90 °C  | • Foam FEP | 200 °C |
| • FRNC    | 120 °C | • PFA      | 260 °C |
| • TPE     | 120 °C |            |        |



#### Unique Skin-Foam-skin extrusion >

This improves cable transmission properties while reducing the total diameter.

### TWISTING OPTIONS

- Twisted pairs
- Twisting elements
- Layer twisting
- 42 elements in one step
- Diameter: up to 30 mm
- Air blocking injection
- Water blocking yarn
- Machines for HF (50GHz) App.
- Different fillers, tubes, fibers, strength members



### CONDUCTOR OPTIONS

- Bare copper
- Tinned plated copper
- Silver plated copper
- Steel/Alu copper
- High strength alloys
- Fiber (different types)

#### Dimensions >

Cores AWG40 – AWG10  
(0.02 – 7 mm<sup>2</sup>)

Specialties AWG 40 – AWG2  
(0.005 – 40 mm<sup>2</sup>)

Outer diam. up to 40 mm

No. of cores up to 95

Solid wire



for static applications

Optic Fiber

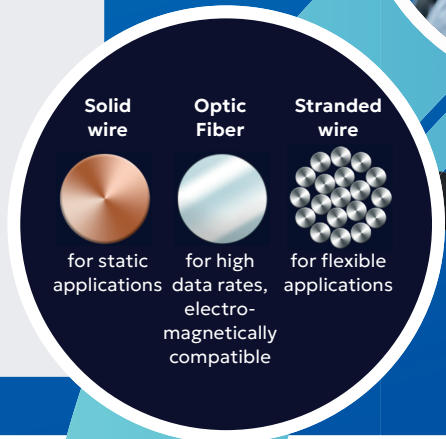


for high data rates, electro-magnetically compatible

Stranded wire



for flexible applications



FINET

Industrial Ethernet

SPE

Fiber Optic Cable

CC-Link



Temp 145

Heat 145

Coaxial Cable

AS-Interface

### TAPES & BINDERS OPTIONS

- Polyester
- Polyester/Aluminium
- Polyester/Copper
- Non woven
- PTFE
- ePTFE
- Water blocking

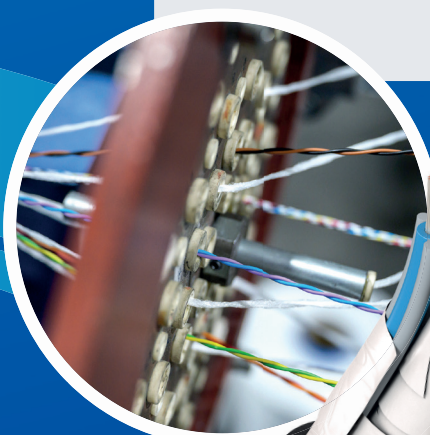
### ISOLATION / JACKET OPTIONS

- |        |        |             |        |
|--------|--------|-------------|--------|
| • PE   | 105 °C | • ETFE      | 150 °C |
| • PP   | 120 °C | • FEP       | 200 °C |
| • PVC  | 90 °C  | • PFA       | 260 °C |
| • TPU  | 90 °C  | • Silicone  | 180 °C |
| • FRNC | 180 °C | • Polyimide | 220 °C |
| • TPE  | 90 °C  | • PEEK      | 260 °C |
| • PA   | 105 °C |             |        |
| • MPPE | 120 °C |             |        |

### CABLE SHIELDING OPTIONS

- Bare copper
- Corrugated copper
- Tin plated copper
- Silver plated copper
- Silver plated alloy
- Steel
- Polyester/Aluminium
- Polyester/Copper

Foil-Add-on >  
Braided/Spiral (AWG44- AWG30)



# Comprehensive Cable Certification Know-How for **Automation & Drives** Products

## TESTING CAPABILITIES >

### ELECTRICAL TESTING

- Network Analyzer measurements up to 50 GHz
- S-Parameter, Skew, De-Embedding
- Voltage measurements up to 60 kV (DC)
- All relevant Fieldbus or Ethernet standards (CAT 5 up to CAT 8)
- Transfer impedance, screen and coupling attenuation, etc.

### MECHANICAL TESTING

- Drag chain tests
- Torsional tests
- Alternate and S-bending test
- Custom movements
- Crush test
- Tensile and Elongation tests

## SITE CERTIFICATION >

**DIN ISO 9001 | DIN ISO 14001 | DIN ISO 50001 | DIN ISO 9100**

## PARTNER ASSOCIATIONS >



## BIZLINK - PART OF SEVERAL APPROVAL AUTHORITIES >



# Where Possibilities Connect™



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## Factory Automation & Machinery

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