

WILBAflex XLPO/XLPO

532044

CH-S07BB-F

Halogen-free Duplex cable

Application

- Tunnel structures

Materials and components

- Cu conductor tinned class 5 (IEC 60228), finely stranded
- Core insulation made of cross-linked polyolefine (XLPO)
- Core colours BU; RD
- Outer sheath made of flame-resistant cross-linked polyolefin (XLPO)

Jacket colour

- according to the table

Functions

- Abrasion resistance
- Flexible
- Halogen-free

Environmental conditions

- Hydrolysis- and microbe-resistant
- UV radiation-resistant acc. to selected sheath colour

Performance

Mechanical properties

- Max. tensile load 20N/mm² Cu cross-section
- Min. bending radius 5 x D static, 12 x D dynamic (D = cable Ø)

Nominal voltage

- Nominal voltage [AC]: U₀ / U 450 V / 750 V

Test voltage

- Test voltage [AC]: 6,000 V, 50 Hz, 5 min.

Temperature range

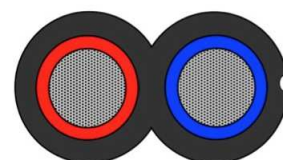
- Mobile: -5°C ... +90°C
- Fixed laying: -40°C ... +90°C
- Capable for short time up to +200°C (max. 10s)

Standards

- Based on EN 50525-2-51
- Fire reaction class acc. EN 13501-6: B2ca -s1 -d1 -a1
- IEC 60332-1-2 Flame retardancy
- IEC 60332-3-24 No fire propagation
- IEC 60754-1 Halogen-free
- IEC 60754-2 Corrosivity of fumes
- IEC 61034-2 Low smoke development
- IEC 60228 Conductors of insulated cables

Remarks

Made in Switzerland
Other types upon request



GIFAS
ELECTRIC

Technical data

Cross-section mm ²	GIFAS Part no.	Part no.	jacket color	Conductor code	Dimension mm	Cu-number kg/km	Weight kg/km
2x2.5		532044	black	blue/red	9.6x5.25 ± 0.2	48.0	80
2x2.5		532045	red	blue/red	9.6x5.25 ± 0.2	48.0	80
2x2.5		532046	blue	blue/red	9.6x5.25 ± 0.2	48.0	80