Flexible cords & appliance cables

(N)YFAZ 300/300V DIN VDE 0250 Flat Twin Wire

DIN VDE 0250 / EN 60332-1-2 · 300/300 V · -15°C to +70°C · Min. bend 6 × OD

DIN VDE 0250 / EN 60332-1-2 | 300/300 V



Application

(N)YFAZ 300/300V DIN VDE 0250 Flat Twin Wire manufactured to DIN VDE 0250 / EN 60332-1-2, rated 300/300 V and -15°C to +70°C with a 6 × OD minimum bending radius for industrial automation & manufacturing installations.

Typical uses: Power distribution & utility networks, Railways, tunnels & public infrastructure, Process instrumentation & oil/gas skids, Industrial automation & control cabinets, Renewable energy, marine & heavy industry

Construction





Cross-section, not to scale

1	**Conductor**	2×0.75 mm² (24×0.20 mm Class 5 Fine-Stranded Bare Copper)
2	**Insulation & Core Identification**	White Flame-Retardant PVC Flat Twin Parallel Insulation (2.3×5.0 mm)
3	**Screen / Bedding / Armour Layer**	Extruded central web bridge separating parallel twin 0.75 mm² conductors (DIN VDE 0250 NYFAZ)
4	**Outer Protective Sheath**	White DIN VDE 0250 flame-retardant PVC flat twin parallel jacket (2.3×5.0 mm, NYFAZ)

Technical data

Typical values

Nominal / reference voltage	300/300 V	Conductor & core insulation	2×0.75 mm² (24×0.20 mm Class 5 Fine-Stranded Bare Copper) · White Flame-Retardant PVC Flat Twin Parallel Insulation (2.3×5.0 mm)
Routine dielectric / continuity test	100% factory drum spark & continuity verified	Operating temperature range	-15°C to +70°C
Short-circuit / peak thermal limit	+160 °C to +250 °C (5 s conductor thermal limit)	Flame & fire performance	DIN VDE 0250 / EN 60332-1-2
Minimum bending radius	6 × OD	Screening / armour architecture	Extruded central web bridge separating parallel twin 0.75 mm² conductors (DIN VDE 0250 NYFAZ)
Outer sheath material & colour	White DIN VDE 0250 flame-retardant PVC flat twin parallel jacket (2.3×5.0 mm, NYFAZ)	Standards	DIN VDE 0250 / EN 60332-1-2

Sizes

3 standard constructions

Tick the sizes you need and send this page to info@tebaoflex.com or WhatsApp +86 185 9591 3361.

Part designation	Configuration	Conductor & shield	Insulation / wall	Outer sheath	Outer diameter mm	Min. bend radius mm	Max. conductor resistance @ 20 °C Ω/km	Copper weight kg/km	Cable weight kg/km	Key electrical / optical rating
(N)YFAZ 300/300V DIN VDE 0250 Flat Twin 3 sizes										
☐ (N)YFAZ 300/300V DIN VDE 0250 Flat Twin (2×0.75 mm²)	2×0.75 mm²	Class 5 Flexible Plain Copper	White Flame-Retardant PVC Flat Twin Parallel Insulation	Industrial PVC	5.0	30	24.13	30.7	59	10 A
☐ (N)YFAZ 300/300V DIN VDE 0250 Flat Twin (2×1 mm²)	2×1 mm²	Class 5 Flexible Plain Copper	White Flame-Retardant PVC Flat Twin Parallel Insulation	Industrial PVC	5.9	35	18.10	42.6	82	13 A
☐ (N)YFAZ 300/300V DIN VDE 0250 Flat Twin (2×1.5 mm²)	2×1.5 mm²	Class 5 Flexible Plain Copper	White Flame-Retardant PVC Flat Twin Parallel Insulation	Industrial PVC	6.9	41	12.07	58.2	112	18 A

– Dimensions and weights are nominal manufacturing targets subject to standard production tolerances.

Standards and approvals

- ✓ DIN VDE 0250 / EN 60332-1-2 Compliant
- ✓ EN 10204 3.1 Factory Test Certificate
- ✓ CE, UKCA, RoHS 2 (2011/65/EU) & REACH

Certifications

Management systems: ISO 9001, ISO 14001, ISO 45001

Request a quotation

Send the size, length and destination. An application engineer replies within 2 business hours.

WhatsApp / phone **+86 185 9591 3361**

Email **info@tebaoflex.com**

Web **tebaoflex.com/cables/n-yfaz-300-300v-din-vde-0250-flat-twin-wire**

Typical values for this cable type, based on Reference specification per DIN VDE 0250 / EN 60332-1-2 ((N)YFAZ 300/300V DIN VDE 0250 Flat Twin). Values for your order are confirmed in the quotation. Subject to change without notice. Jiangsu Tebaoflex Special Cable Co., Ltd., Taicang, Jiangsu, China.