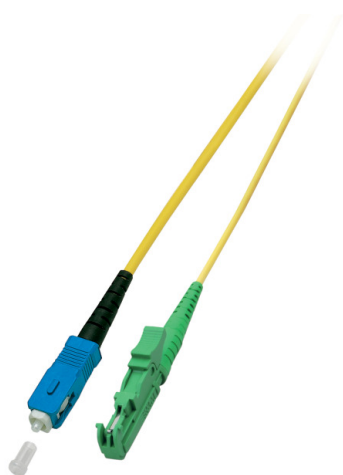


DATASHEET

Simplex Fiber Optic Patch Cable E2000®-SC/APC OS2



Description

Fiber jumper are well defined components in international standard of structured cabling ISO/IEC11801. Due to many different network protocols created in the last 25 years , also a wide range of connectors had been developed. Some of them are still important today: LC, SC, E2000®, MPO/MTP.

Fiber jumper(patchcord) are defined as shortest connection between passive interface and active deviceport, regarding structured cabling standard. Rating of performance, known as category, as well as performance of total transmission channel, known as link class, Similar descriptions for patchcords: Connection cable, drop cable, adapter cable, interconnecting cord, Jumper

General data

| | |
|--------------------------------|------------|
| Fibre type | Singlemode |
| Category | OS2 |
| Number of fibres | 1 |
| Anti-kink sleeve | put-on |
| Type of connector connection 1 | E2000® |
| APC version Connector 1 | 8° |
| Connector colour 1 | green |
| Type of connector connection 2 | SC |
| Connector colour 2 | blue |

Cable construction

| | |
|--------------------|---------|
| Cable type | Simplex |
| Cable Construction | Simplex |
| Cable Ø | 3.0 mm |

Cable sheath

| | |
|---------------------|--------|
| Colour outer sheath | yellow |
|---------------------|--------|

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DATASHEET

Simplex Fiber Optic Patch Cable E2000®-SC/APC OS2

Cable sheath

| | |
|-----------------|---------------------------|
| Jacket Material | LSZH |
| Flame retardant | According to EN 50265-2-1 |

Environmental conditions

| | |
|-----------------------|-------------|
| Operating Temperature | -20 – 75 °C |
| Storage Temperature | -20 – 85 °C |

Standards, approvals, certifications

| | |
|---------------------------|-------------|
| Cable Conform to Standard | IEC 60793-2 |
|---------------------------|-------------|

Available variants

| Article no. | Title | Length |
|-------------|---|--------|
| O0923.0,5 | Simplex Fiber Optic Patch Cable E2000®/APC-SC OS2 0,5m 3,0mm Yellow 9/125µm | 0.5 m |
| O0923.1 | Simplex Fiber Optic Patch Cable E2000®/APC-SC OS2 1m 3,0mm Yellow 9/125µm | 1.0 m |
| O0923.10 | Simplex Fiber Optic Patch Cable E2000®/APC-SC OS2 10m 3,0mm Yellow 9/125µm | 10.0 m |
| O0923.15 | Simplex Fiber Optic Patch Cable E2000®/APC-SC OS2 15m 3,0mm Yellow 9/125µm | 15.0 m |
| O0923.2 | Simplex Fiber Optic Patch Cable E2000®/APC-SC OS2 2m 3,0mm Yellow 9/125µm | 2.0 m |
| O0923.20 | Simplex Fiber Optic Patch Cable E2000®/APC-SC OS2 20m 3,0mm Yellow 9/125µm | 20.0 m |
| O0923.3 | Simplex Fiber Optic Patch Cable E2000®/APC-SC OS2 3m 3,0mm Yellow 9/125µm | 3.0 m |
| O0923.30 | Simplex Fiber Optic Patch Cable E2000®/APC-SC OS2 30m 3,0mm Yellow 9/125µm | 30.0 m |
| O0923.5 | Simplex Fiber Optic Patch Cable E2000®/APC-SC OS2 5m 3,0mm Yellow 9/125µm | 5.0 m |
| O0923.7,5 | Simplex Fiber Optic Patch Cable E2000®/APC-SC OS2 7,5m 3,0mm Yellow 9/125µm | 7.5 m |

Technical drawings

| OM-Klassifikation ISO/IEC 11801 | | OM1 | OM2 | OM3 | OM4 | OM5 |
|--|---------|-----|-----|------|------|------|
| Min. modale Bandbreite mit vollständiger Anregung aller Kernmoden [MHz*km] | 850 nm | 200 | 500 | 1500 | 3500 | 4700 |
| | 1300 nm | 500 | 500 | 500 | 500 | 2470 |
| Min. modale Bandbreite (effektive) Laser-Bandbreite [MHz*km] | 850 nm | n/s | n/s | 2000 | 4700 | n/s |
| | 1300 nm | 1.5 | 1.5 | 1.5 | 1.5 | 1,5 |
| Dämpfung [dB/km] | 850 nm | 3.5 | 3.5 | 3.5 | 3.5 | 3,5 |

accessory

| | |
|---------|------------------------------|
| 39962.2 | Reel Cleaner(new Version) |
| 39926.1 | Miller® Fiber Cleaning Tapes |

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