

CATALOG'20



Russian designer and manufacturer  
of communication equipment



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- **28 years of experience** in designing and manufacturing telecommunication equipment
- More than **750 employees**
- **14 software development laboratories**
- **2 industrial complexes** in Novosibirsk (Russia) and Almaty (Kazakhstan)
- **More than 100 partner companies** in Russia, CIS, Europe, Asia and the Middle East
- **More than 1500 client companies**

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### Development

- Hardware
- Software

2

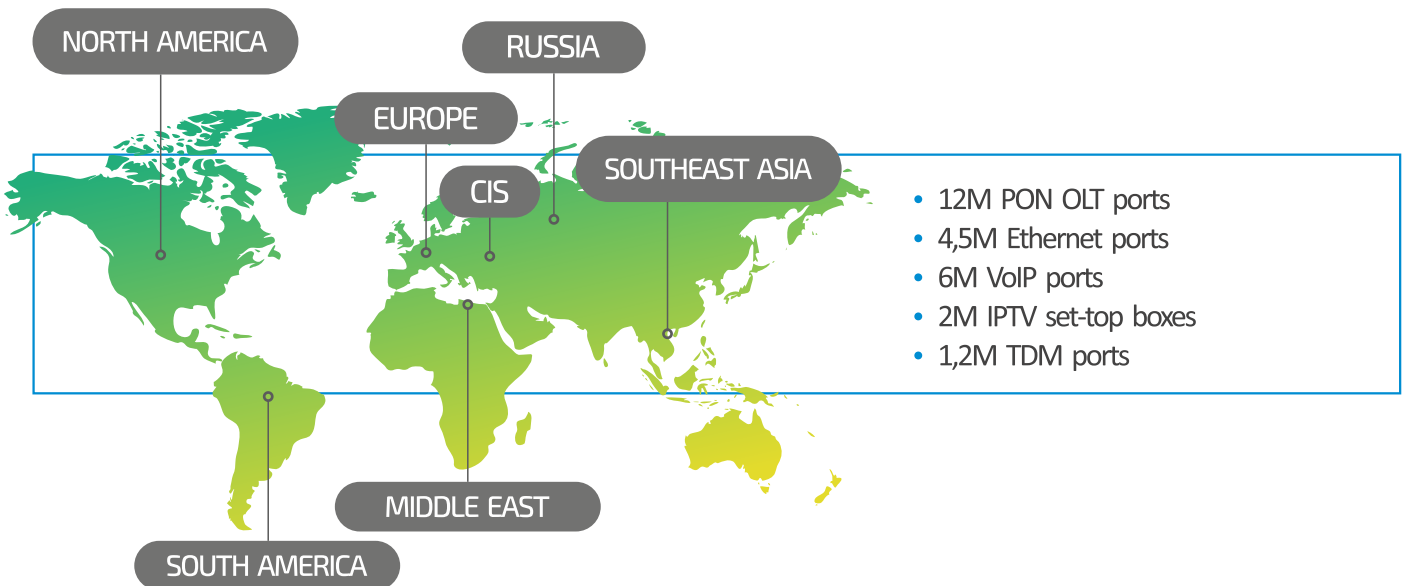
### Manufacture

- Surface-mount technology
- Through-hole technology
- Assembling
- Software installation
- Testing of serial production equipment

3

### Maintenance

- Technical support
- Service center
- Software updating
- Repair





# ETHERNET SWITCHES

A vast range of managed Gigabit switches from the domestic producer.



Eltex's main field of activity is development and manufacturing of modern telecommunication equipment for network construction.

Ethernet switches command a large part of produced equipment range. Such devices are used by companies of different sizes, ranging from small private sector firms to major plants, holding groups and corporations.

| Access switches                          | Downlink                        | Uplink             | Bandwidth | Stacking        | Power supply   | Battery connection possibility |
|------------------------------------------|---------------------------------|--------------------|-----------|-----------------|----------------|--------------------------------|
| <b>Fast Ethernet</b>                     |                                 |                    |           |                 |                |                                |
| MES1124M                                 | 24x100M Eth                     | 4x1G Eth/SFP Combo | 12.8 Gbps | up to 3 devices | 220V AC/48V DC |                                |
| MES1124MB                                | 24x100M Eth                     | 4x1G Eth/SFP Combo | 12.8 Gbps | up to 3 devices | 220V           | •                              |
| <b>NEW</b> MES1428                       | 24x100M Eth                     | 4x1G Eth/SFP Combo | 12.8 Gbps |                 | 220V           |                                |
| <b>NEW</b> MES1428B<br>under development | 24x100M Eth                     | 4x1G Eth/SFP Combo | 12.8 Gbps |                 | 220V           | •                              |
| <b>Gigabit Ethernet</b>                  |                                 |                    |           |                 |                |                                |
| MES2308R                                 | 8x1G Eth                        | 2x1G Eth/SFP Combo | 20 Gbps   | up to 8 devices | 220V AC        |                                |
| MES2324                                  | 24x1G Eth                       | 4x10G SFP+         | 128 Gbps  | up to 8 devices | 220V AC        |                                |
| MES2324B                                 | 24x1G Eth                       | 4x10G SFP+         | 128 Gbps  | up to 8 devices | 220V AC        | •                              |
| MES2348B                                 | 48x1G Eth                       | 4x10G SFP+         | 176 Gbps  | up to 8 devices | 220V AC        | •                              |
| <b>NEW</b> MES2408                       | 8x1G Eth                        | 2x1G Eth/SFP       | 20 Gbps   |                 | 220V AC/48V DC |                                |
| <b>NEW</b> MES2408B                      | 8x1G Eth                        | 2x1G Eth/SFP       | 20 Gbps   |                 | 220V AC/48V DC | •                              |
| <b>NEW</b> MES2408C                      | 8x1G Eth                        | 2x1G Eth/SFP Combo | 20 Gbps   |                 | 220V AC        |                                |
| <b>NEW</b> MES2428                       | 24x1G Eth                       | 4x1G Eth/SFP Combo | 56 Gbps   |                 | 220V AC        |                                |
| <b>NEW</b> MES2428B                      | 24x1G Eth                       | 4x1G Eth/SFP Combo | 56 Gbps   |                 | 220V AC        | •                              |
| <b>NEW</b> MES2428T<br>dry contacts      | 24x1G Eth                       | 4x1G Eth/SFP Combo | 56 Gbps   |                 | 220V AC/48V DC |                                |
| <b>NEW</b> MES2424<br>under development  | 24x1G Eth                       | 4x10G SFP+         | 128 Gbps  | up to 8 devices | 220V AC        |                                |
| <b>NEW</b> MES2424B<br>under development | 24x1G Eth                       | 4x10G SFP+         | 128 Gbps  | up to 8 devices | 220V AC/12V DC | •                              |
| <b>Fiber</b>                             |                                 |                    |           |                 |                |                                |
| MES2324F DC                              | 20x1G SFP<br>4x1G Eth/SFP Combo | 4x10G SFP+         | 128 Gbps  | up to 8 devices | 48V DC         |                                |
| MES2324FB                                | 20x1G SFP<br>4x1G Eth/SFP Combo | 4x10G SFP+         | 128 Gbps  | up to 8 devices | 220V AC        | •                              |



# ETHERNET SWITCHES

| Access switches                       | Downlink                        | Uplink                     | Bandwidth | Stacking        | Power supply    | PoE budget |
|---------------------------------------|---------------------------------|----------------------------|-----------|-----------------|-----------------|------------|
| <b>PoE</b>                            |                                 |                            |           |                 |                 |            |
| MES2308P                              | 8x1G PoE/PoE+                   | 2x1G Eth<br>2x1G SFP       | 24 Gbps   | up to 8 devices | 220V AC         | 240 W      |
| MES2324P                              | 24x1G PoE/PoE+                  | 4x10G SFP+                 | 128 Gbps  | up to 8 devices | 220V AC         | 380 W      |
| MES2348P                              | 48x1G PoE/PoE+                  | 4x10G SFP+                 | 176 Gbps  | up to 8 devices | 220V AC         | 1450 W     |
| <b>NEW</b> MES2408CP                  | 8x1G PoE/PoE+                   | 2x1G Eth/SFP<br>Combo      | 20 Gbps   |                 | 220V AC         | 120 W      |
| <b>NEW</b> MES2428P                   | 24x1G PoE/PoE+                  | 4x1G Eth/SFP<br>Combo      | 56 Gbps   |                 | 220V AC/48V DC  | 370 W      |
| MES2408P<br><b>under development</b>  | 8x1G PoE/PoE+                   | 2x1G SFP                   | 20 Gbps   |                 | 220V AC         | 240 W      |
| MES2408PL<br><b>under development</b> | 8x1G PoE/PoE+                   | 2x1G SFP                   | 20 Gbps   |                 | 220V AC         | 65 W       |
| <b>Industrial</b>                     |                                 |                            |           |                 |                 |            |
| MES3508                               | 8x1G Eth                        | 2x1G Eth/SFP<br>Combo      | 20 Gbps   |                 | 20~75V DC       |            |
| MES3508P                              | 8x1G PoE/PoE+                   | 2x1G Eth/SFP<br>Combo      | 20 Gbps   |                 | 48V DC          | 240 W      |
| MES3510P<br><b>under development</b>  | 8x1G PoE/PoE+                   | 4x1G SFP                   | 24 Gbps   |                 | 48V DC          | 240 W      |
| Aggregation switches                  | Downlink                        | Uplink                     | Bandwidth | Stacking        | Power           |            |
| <b>Gigabit Ethernet</b>               |                                 |                            |           |                 |                 |            |
| MES3308F                              | 4x1G SFP<br>4x1G Eth/SFP Combo  | 4x10G SFP+                 | 96 Gbps   | up to 8 devices | 220V AC/ 48V DC |            |
| MES3316F                              | 12x1G SFP<br>4x1G Eth/SFP Combo | 4x10G SFP+                 | 112 Gbps  | up to 8 devices | 220V AC/ 48V DC |            |
| MES3324                               | 20x1G Eth<br>4x1G Eth/SFP Combo | 4x10G SFP+                 | 128 Gbps  | up to 8 devices | 220V AC/ 48V DC |            |
| MES3324F                              | 20x1G SFP<br>4x1G Eth/SFP Combo | 4x10G SFP+                 | 128 Gbps  | up to 8 devices | 220V AC/ 48V DC |            |
| MES3348                               | 48x1G Eth                       | 4x10G SFP+                 | 176 Gbps  | up to 8 devices | 220V AC/ 48V DC |            |
| MES3348F                              | 48x1G SFP                       | 4x10G SFP+                 | 176 Gbps  | up to 8 devices | 220V AC/ 48V DC |            |
| <b>10 Gigabit Ethernet</b>            |                                 |                            |           |                 |                 |            |
| <b>NEW</b> MES5316A                   | 16x1G/10G SFP/SFP+              |                            | 320 Gbps  | up to 8 devices | 220V AC/ 48V DC |            |
| <b>NEW</b> MES5324A                   | 24x1G/10G SFP/SFP+              |                            | 480 Gbps  | up to 8 devices | 220V AC/ 48V DC |            |
| <b>NEW</b> MES5332A                   | 32x1G/10G SFP/SFP+              |                            | 640 Gbps  | up to 8 devices | 220V AC/ 48V DC |            |
| MES5324                               | 24x1G/10G SFP/SFP+              | 4x40G QSFP+                | 800 Gbps  | up to 8 devices | 220V AC/ 48V DC |            |
| MES5448                               | 48x1G/10G SFP/SFP+              | 4x40G QSFP+                | 1.28 Tbps | up to 8 devices | 220V AC/ 48V DC |            |
| MES7048<br><b>under development</b>   | 48x1G/10G SFP/SFP+              | 6x40G/100G<br>QSFP+/QSFP28 | 1.92 Tbps | up to 8 devices | 220V AC/ 48V DC |            |
| MES7548<br><b>under development</b>   | 48x10G SFP+                     | 6x100G QSFP28              | 2.16 Tbps |                 | 220V AC/ 48V DC |            |
| MES9032<br><b>under development</b>   | 32x40G/100G<br>QSFP+/QSFP28     |                            | 6.4 Tbps  | up to 8 devices | 220V AC/ 48V DC |            |
| <b>100 Gigabit Ethernet</b>           |                                 |                            |           |                 |                 |            |
| MES9532<br><b>under development</b>   | 32x100G QSFP28                  |                            | 6.4 Tbps  |                 | 220V AC/ 48V DC |            |