

**S-000-XXX-S2-2D-0,9-X-YE**

A pigtail is a section of an optical fiber cable terminated on one side with a connector; it is the end of a fiber optic path and is connected to a line by a thermal or mechanical splice.



Example of a E2000 SM pigtail

## main features:

- STANDARD - Grade B pigtail;
- made on a 0.9 mm tube.

## standards/certificates:

- IEC 61753-1
- IEC 61300-3-34
- IEC 61300-3-6
- ITU-T G.652D
- RoHS

## technical parameters:

| STANDARD class pigtail                 | APC angled connectors             | PC flat connectors                |
|--|-----------------------------------|-----------------------------------|
| connector attenuation IL [dB]          | < 0.25                            | < 0.25                            |
| connector reflectance RL [dB]          | > 65                              | > 45                              |
| strength, repeatability                | 1,000 cycles                      | 1,000 cycles                      |
| mechanical strength, load [N]          | 100                               | 100                               |
| cable diameter [mm]                    | 0.9                               | 0.9                               |
| length [m]                             | ≥ 2.5                             | ≥ 2.5                             |
| fiber kind and type according to ITU-T | single-mode, G.652D               | single-mode, G.652D               |
| operating temperature [°C]             | -40 to +85                        | -40 to +85                        |
| LSOH                                   | yes                               | yes                               |
| tube coat color                        | yellow                            | yellow                            |
| design                                 | connectors with a ceramic ferrule | connectors with a ceramic ferrule |

## market segments:



# STANDARD fiber optic pigtail

**S-000-XXX-S2-2D-0,9-X-YE**

## configuration:

| code |      |      |            |    |    | description  |
|------|------|------|------------|----|----|--|
| S-   |      |      |            |    |    | simplex pigtail  |
|      | 000- |      |            |    |    | no connector   |
|      |      | SCA  |            |    |    | SC/APC standard connector  |
|      |      | SCP- |            |    |    | SC/PC standard connector   |
|      |      | LCA- |            |    |    | LC/APC standard connector  |
|      |      | LCP- |            |    |    | LC/PC standard connector   |
|      |      | E2A- |            |    |    | E2000/APC standard connector   |
|      |      | E2P- |            |    |    | E2000/PC standard connector  |
|      |      | FCA- |            |    |    | FC/APC standard connector  |
|      |      | FCP- |            |    |    | FCAPC standard connector   |
|      |      | ST-  |            |    |    | ST standard connector  |
|      |      |      | S2-2D-0,9- |    |    | Standard class - Grade B<br>fiber standard according to ITU-T G.652D,<br>cable diameter [mm] |
|      |      |      |            | X- |    | length [m]   |
|      |      |      |            |    | YE | yellow   |

## example configuration:

| 0                          | description   |
|----------------------------|---|
| S-000-E2A-S2-2D-0,9-2,5-YE | E2000/APC single mode pigtail, Standard, G.652D, 0.9 mm, 2.5 m long, yellow |