

order number: L00829A0005

FO Fiber pigtail FC/PC G50/125 OM3



| Technical Attributes |             |
|----------------------|-------------|
| Fiber type           | G50/125 OM3 |
| Connector type       | FC/PC       |
| Length               | 2,0 m       |

### Product description

FO pigtails with connectors assembled on one end are mainly used for distribution of multifiber cables by means of splicing technology. For optimized splice preparation we use loose-buffered fibers providing stripping up to 1 m in one step. Fiber pigtails are assembled with connectors without strain relief, as patch panels and splice boxes offer sufficient environmental protection. The quality of connectors and fibers used determines to a great degree the insertion loss and reflexion performance of the transmission line. Factory-assembled FO pigtails guarantee exceptional optical and mechanical characteristics and a long lifetime due to use of optimized components and of a constantly controlled manufacturing process.

| Mechanical Characteristics                    |                                                                                         |
|-----------------------------------------------|-----------------------------------------------------------------------------------------|
| Fiber structure: Secondary coating dimensions | Ø 0.9 ±0.1 mm                                                                           |
| Fiber structure: Secondary coating colours    | yellow (9/125), green (50/125), aqua (50/125 OM3), violet (50/125 OM4), blue (62,5/125) |
| Fiber structure: Primary coating              | Acrylate, Ø 250 ±15 µm                                                                  |

| Climatic Characteristics |              |
|--------------------------|--------------|
| Operating temperature    | -5°...55° C  |
| Storage temperature      | -30°...70° C |

| Optical Characteristics |                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------|
| Insertion loss          | Singlemode: max. 0.3 dB <sup>1</sup> ; Multimode: max. 0.3 dB <sup>1</sup>          |
|                         | Singlemode: min. 40 dB <sup>2</sup> (APC min. 60 dB <sup>2</sup> ); Multimode: min. |

---

|             |                    |
|-------------|--------------------|
| Return loss | 30 dB <sup>2</sup> |
| Life        | ≥ 1000             |