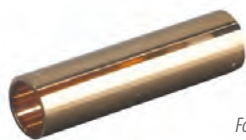


## PHOSPHOR BRONZE SLEEVES

Metal split sleeves are used in adapters for aligning the connector ferrule. They are manufactured for both singlemode and multimode applications. The high quality phosphor bronze material delivers a spring-like property which ensures a strictly controlled withdrawal force of 200 to 600 grams. Tolerance specifications are also well controlled, resulting in a typical insertion loss of 0.1dB\* or less.



For SC and FC Adapters



For ST Adapters



For D4 Adapter



For LC and MU Adapters

| SPECIFICATION   | ST                                  | SC, FC      | D4                        | LC          |
|---|-------------------------------------|-------------|---------------------------|-------------|
| <b>For Phosphor Bronze Sleeve ST, SC, FC, D4 and LC</b> |                                     |             |                           |             |
| <b>Material</b>   | Phosphor Bronze C5210H              |             |                           |             |
| <b>Withdrawal Force</b>                                 | 200gf~600gf                         |             |                           | 100gf~300gf |
| <b>Insertion Loss</b>                                   | Max 0.5dB, typical 0.1 dB or better |             |                           |             |
| <b>Outer Diameter</b>                                   | (3.08)mm                            | (2.48)mm    | (2.48)mm                  | (1.62)mm    |
| <b>Inner Diameter</b>                                   | (2.48)mm                            | (1.98)mm    | (1.98)mm                  | (1.25)mm    |
| <b>Length</b>   | 10.1 ±0.1mm                         | 11.4 ±0.1mm | 10.4 ±0.1mm & 9.88 ±0.1mm | 6.8 ±0.1mm  |
| <b>Slit Width</b>                                       | Max 0.5mm                           |             |                           | Max 0.2mm   |
| <b>Chamfer</b>  | 2 x 0.1 +0.1/-0                     |             |                           |             |

Note: When following SENKO recommended procedures

| SLEEVE CODE         | INNER DIAMETER | LENGTH             |
|---------------------|----------------|--------------------|
| PBS Phosphor Bronze | 25 (2.48)mm    | 101 10.1mm ST      |
|                     |                | 114 11.4mm SC & FC |

PBS - 25 - 114 ORDER CODE example

**Note:** Outer and inner diameter dimensions in ( ) are to be considered as references, which shall be adjusted to the required withdrawal force as specified

| SLEEVE CODE         | INNER DIAMETER | LENGTH     |
|---------------------|----------------|------------|
| PBS Phosphor Bronze | 12 (1.25)mm    | 680 6.80mm |

PBS - 12 - 680 ORDER CODE example

**Note:** Outer and inner diameter dimensions in ( ) are to be considered as references, which shall be adjusted to the required withdrawal force as specified

**Features:**

- High quality phosphor bronze material
- High performance and superior durability
- Low insertion loss\*