CORNING

Product Family: LANscape® Fan-out kits

Product: Buffer tube indoor and outdoor single fibres fan-out-kits

Fibre: Multimode and Single-Mode Fibres

Applications

The Corning Cable Systems' buffer-tube fan-out kits are intended for the furcation of buffer tubes onto 900μm legs as required to field-install connectors on bare fibres.

Different kits are available for applications on stranded loose tube cables at indoor or outdoor cross-connection points. In combination with the transition kits the indoor buffer tubes fan-out kits can be also installed on single maxi-tube cables.
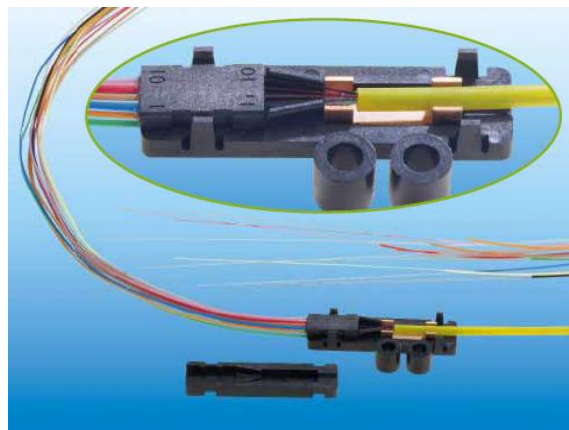
Description

Corning Cable Systems' indoor and outdoor buffer tube fan-out kits are specifically designed for the termination of 6- and 12-fibres buffer tubes. These kits provide the ultimate solution for the field termination of loose tube cables by means of a compact easy to install assembly not requiring additional hardware or space than that required for terminating tight buffered cables.
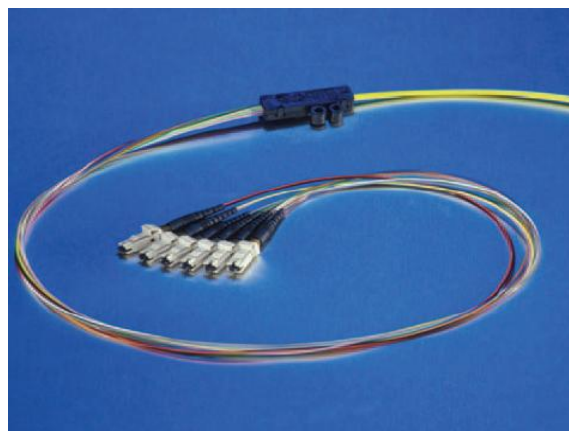
Indoor and outdoor kits feature a 900μm fan-out assembly that is colour coded to match the fibres colour scheme (to Telcordia). The fan-out assembly is available with 6- or 12-fibres units in lengths of 600 mm (25-in.) or 1200 mm (47-in). These different lengths provide the flexibility needed for installation in a variety of hardware options.

Features / Benefits

– Eliminates strain on fibres by isolating them from tensile forces
– Colour coded fan-out tubing to Telcordia:
    6 fibres: blue, orange, green, brown, grey, white
    12 fibres: blue, orange, green, brown, grey, white, red, black, yellow, violet, pink, aqua
– Snap-together furcation unit eliminates epoxy resin for indoor kits.
– Compact design.
– Quick and easy to install.
– Optimized for field termination of loose tube cables.
– Excellent fibre routing capabilities.
– Bend radius protection designed into each unit.
– Indoor temperature range: 0 °C – +70 °C.
– Outdoor temperature range: -40 °C – +70 °C
– Single maxi-tube cables fan-out extension kits suitable for single maxi-tube cables containing individual fibres or up to 5 bundles with up to 12 fibres each.

Buffer tube fan-out kit: furcation unit

Buffer tube fan-out kit for single maxi-tube cables

CORNING

Ordering information:

Indoor buffer tube fan-out kits

        1   **2**

FAN – BT☐☐ – ☐☐

Outdoor buffer tube fan-out kits

        1   **2**

FAN – OD☐☐ – ☐☐

Use the following options to construct the part number:

1 Select length of furcation length (900µm tubing)
25 = 600 mm (25-in.)
47 = 1200 mm (47-in.)

2 Select number of fibres
06 = 6 fibres
12 = 12 fibres

Examples:
FAN – BT47 – 06
Type designation: Indoor fan-out kit for 6 fibres, length of 900µm tubing = 1200 mm (47-in.).

FAN –OD25 – 12
Type designation: Closet fan-out kit for 12 fibres, length of 900µm tubing = 600 mm (25-in.).

Optional accessories:

Part Number	Description
TKT-FANBT-A	Buffer tube fan-out assembly tool kit. Includes: buffer tube fan-out assembly fixture, case for buffer tube fan-out assembly fixture.
TKT-FANBT-C	Consumables for buffer tube fan-out assembly tool kit. Includes: buffer tube fan-out clamp, Loctite 411 adhesive (3g), alcohol wipes (20 pcs), Kimwipes (1 pack).
EST-END-01-SM	Single maxi-tube fan-out kit for single-mode applications: includes funnel, yellow branch tubing, transition heat-shrink sleeves and installation instructions.
EST-END-01-MM	Single maxi-tube fan-out kit for single-mode applications: includes funnel, orange branch tubing, transition heat-shrink sleeves and installation instructions.