

CPX-PMDC SERIES / FIBER DROP CABLES

Peelable MicroDrop Cable

One cable from the outside-plant demarcation point to the customer ONT or fiber jack.



Factory-terminated service drop

SC/APC connection shown. Select the connector pair, length and end preparation for the route.

FEWER CONNECTIONS

Continuous indoor/outdoor cable avoids an added transition connection. Also suitable for standard jumper applications.

LESS FIELD WORK

Factory-terminated ends avoid field-installable connectors. The S option provides a pre-peeled end and pull sock.

DISCREET INDOOR ROUTING

The S option exposes a clear 900 μ m subunit for routing near the customer connection; the jacket can be removed without tools.

Product specifications

Single-mode G.657.B3 | 2.0 × 3.0 mm nominal profile | OFNR, FT-4
All-dielectric flat drop with FRP strength members and a rugged jacket.

INDUSTRY STANDARDS

GR-409, GR-326, GR-20, ANSI-ICEA-S-104-696

CPX-PMDC SERIES

MicroDrop cable specifications

Indoor/outdoor service-drop cable with a peelable construction.

Parameter	Specification
Fiber type	Single-mode G.657.B3
Construction / flame rating	Indoor/outdoor dielectric flat drop; OFNR, FT-4
Nominal outside dimensions	2.0 mm × 3.0 mm
Nominal weight	4 lb / 1,000 ft
Pull tension: installation / operation	100 lbf (45 kgf) / 30 lbf (14 kgf)
Bend radius: jacketed / 900 µm subunit	63.0 mm (2.5 in) / 5.0 mm (0.2 in)
Installation temperature	-30 °C to +60 °C
Operating temperature	-40 °C to +70 °C
Maximum attenuation at 1310 / 1550 nm	0.4 dB/km / 0.3 dB/km
Insertion loss	0.3 dB
Back reflection	-65.0 dB

Choose the end preparation

The jacketed cable and exposed subunit have different bend limits. Page 3 separates connector, length, peel and pull-sock choices into an ordering guide.

CPX-PMDC SERIES

MicroDrop Ordering Options

Build the order reference from the connector pair, length and end preparation. The peel and pull-sock choices are shown separately below.

SC/APC at both ends

Part number	Length
CPX-PMDC-SASA010F-S	10 ft
CPX-PMDC-SASA050F-S	50 ft
CPX-PMDC-SASA100F-S	100 ft
CPX-PMDC-SASA200F-S	200 ft

Order field	Code
Connector A	SA = SC/APC
Connector B	SA = SC/APC; NA = none
Length / units	3-digit length; F = feet; M = meters

Choose the end preparation

Suffix	Peel treatment	Pull sock
Blank	No pre-peel	No
PE	No pre-peel	Yes
A	¼ in of peel exposed	No
S	¼ in of peel exposed	Yes

Example: CPX-PMDC-SASA050F-S specifies SC/APC at both ends, 50 ft, with a pre-peeled end and pull sock. The S option exposes a clear 900 µm subunit.

The jacketed cable and exposed subunit have different bend limits. Use the cable ratings on page 2 when planning the route.