Outdoor fiber distribution closure portfolio

CommScope offers the industry's most versatile outdoor fiber distribution closure (OFDC) family. Including three different series, the OFDC family accepts a wide range of distribution and drop cables **thus responding to virtually all applications requirements.** Each series has a common housing that can be configured to handle different connectivity solutions, such as splice-only, pre-connectorized drop cables, and field-installable connectors (FIC)— significantly simplifying training. Modularly built, it allows easy integration of optical components, even at later deployment stages, and easy pass-through cabling. Advanced gel sealing technology ensures fast and easy field handling without a need for special tools.

OFDC A4 Series

Features and benefits

- Compact design
- Separate zones for looped cable storage for all cable types (only microsheet cables for OFDC A4 Series), splicing and patching to drop cables
- Individual access to drop cable connection area
- Housing designed for wraparound drop cable installation, enabling faster deployments
- Entire fiber management section can be removed from closure body
- Modular splice holders compatible with SMOUV
- Suitable for housing field-installable optical components
- No special installation tools required
- Under- and above-ground installation—pole, strand, wall and pedestal
- IP68 2-meter water head

OFDC B8G Series

Specifications

Design and configurations

OFDC C12 Series

The OFDC portfolio is composed of three different series, covering a wide range of size needs while sharing the same high-value design benefits.

Product description	Size: L x D x H	Weight	Housing color	Pigtail colors*
OFDC A4 Series	211 x 94 x 70 mm 8.3 x 3.7 x 2.75 inch	0.55 kg 1.2 lbs	Black	4 colors
OFDC B8G Series	324 x 156 x 128 mm 12.7 x 6.1 x 5 inch	1.85 kg 4.1 lbs	Black	8 colors
OFDC C12 Series	370 x 214 x 118 mm 14.5 x 8.4 x 4.6 inch	2.5 kg 5.5 lbs	Black	12 colors

*Colors in accordance with TIA-598

Performance & environmental specifications

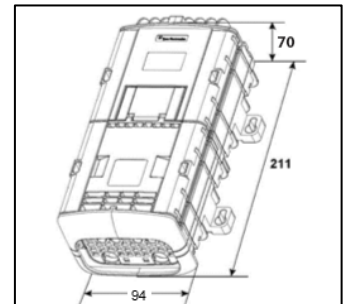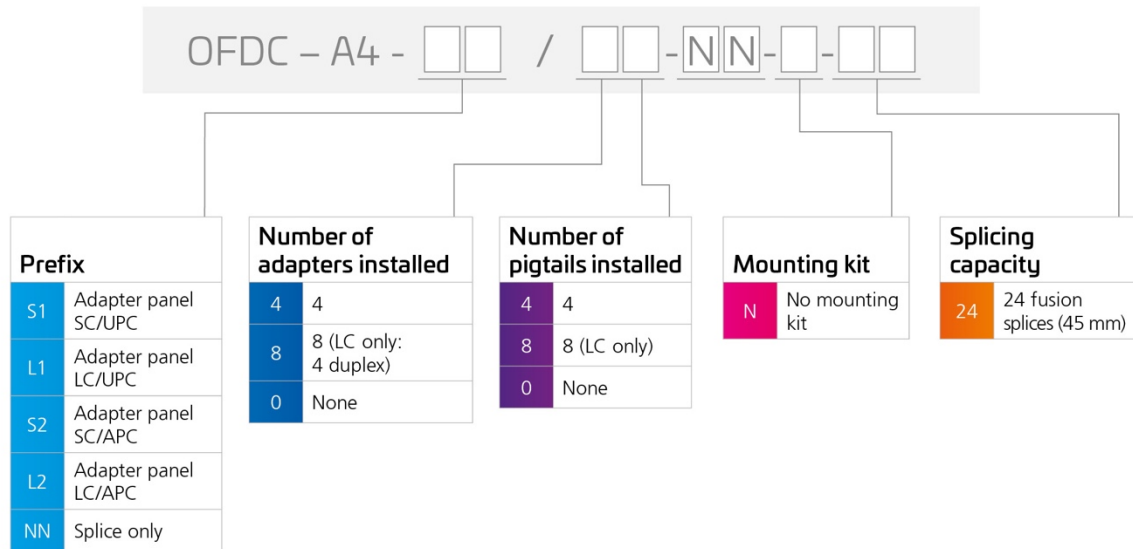| Characteristic	OFDC FAMILY					
	OFDC A4 Series		**OFDC B8G Series**		**OFDC C12 Series**	
Main cables **Geometry & Number**	# Feeder cables: 2	**Round: 4.5-12 mm** **0.17– 0.47 inch**	# Feeder cables: 2	**Round: 11.5-15 mm** **0.45–0.59 inch**	# Feeder cables: 2	**Round: 5.5-16 mm** **0.21–0.62inch**
			# Branch cables: 2	**Round: 8-11 mm** **0.3-0.43 inch**	# Branch cables: 2	**Round: 5.5-11 mm** **0.21-0.43 inch**
Drop cables **Geometry & Number**	# Drop cables: 4	**Round: 2-6 mm** **0.078-0.23 inch** **Flat: 8 x 4.5 mm** **0.3 x 0.17 inch**	# Drop cables: 8	**Round: 1.5-5.5 mm** **0.06-0.21 inch** **Flat: 8 x 4.5 mm** **0.3 x 0.17 inch**	# Drop cables: 12	**Round: 1.5-5.5 mm** **0.06 -0.21 inch** **Flat: 8 x 4.5 mm** **0.3 x 0.17 inch**
	# Drop cables: 8	**Round: 2-4.5 mm** **0.078- 0.17 inch**	# Drop cables: 16	**Round: 1.5-5.5 mm** **0.05-0.21 inch**	# Drop cables: 24	**Round: 2-5.5 mm** **0.07-0.21 inch**
Splice capacity & use **Type: SMOUV 45mm**	**24 splices** **For repair up to 48**		**66 splices** **For repair up to 90**		**96 splices** **For repair up to 96**	
Patch capacity	**4 SC / 8 LC**		**8 SC / 16 LC**		**12 SC / 24 LC**	

Accessories

Here are the most common accessories, compatible with all OFDC size variants:

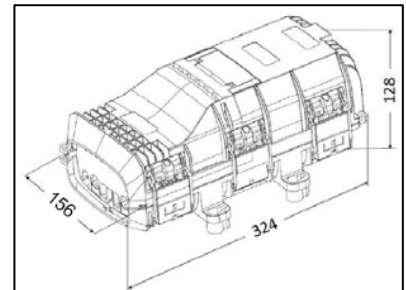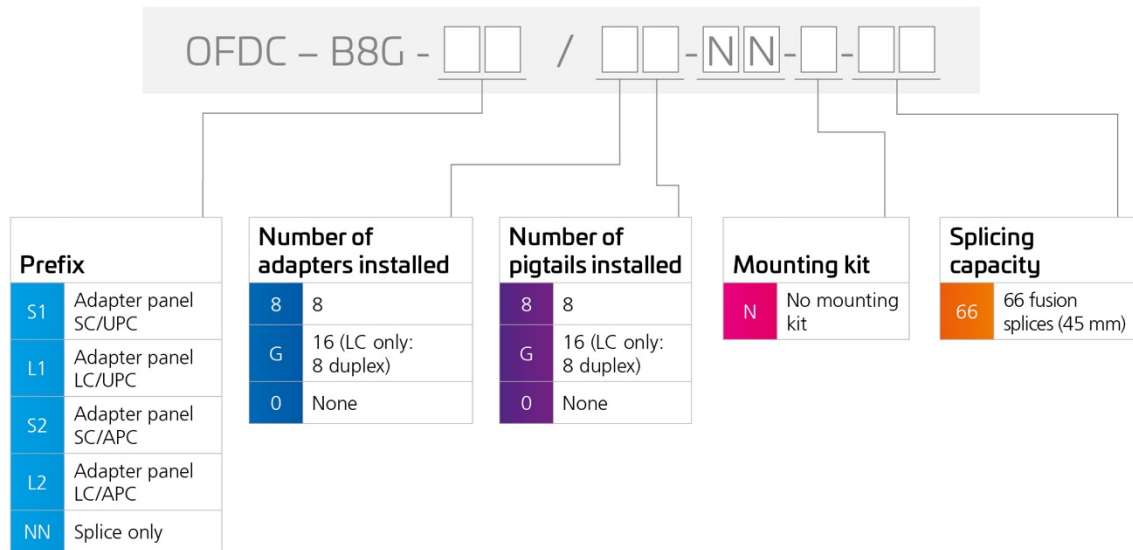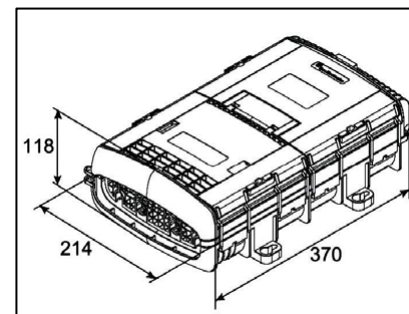| Product description	Description
OFDC-C12-BRKSTRAND	Strand mount bracket, set of two hangers
S1515-30X1.5X700-AUTO-N	Gel strip, 1 pc is a roll of 70 cm / 27 inch. MOQ is 4 pc (in a bag) Required for OFDC C12 using cables with 5.5-8mm diameter For 2 cables per port, a 2 cm (0.78 in.) gel strip is needed
OCC1P-10400-NNNQNQF	Field-installable splitter, 1x4, 250 µ, P-grade
OCC1P-10800-NNNQNQF	Field-installable splitter, 1x8, 250 µ, P-grade

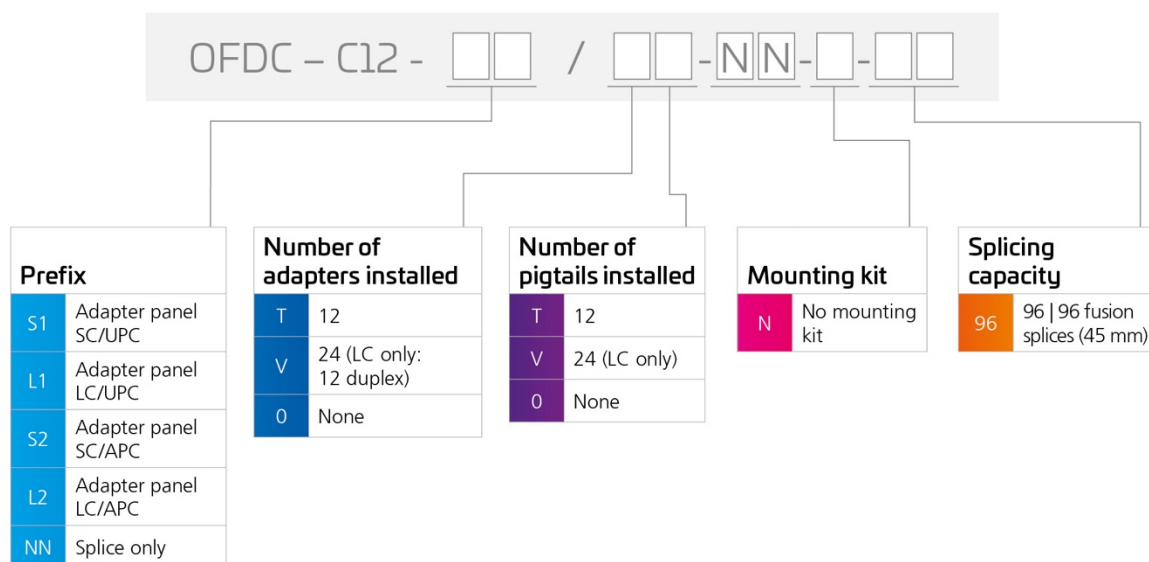# Ordering information

OFDC A4 Series

OFDC – A4 - ☐☐ / ☐☐ -NN- ☐ - ☐☐

Prefix	
S1	Adapter panel SC/UPC
L1	Adapter panel LC/UPC
S2	Adapter panel SC/APC
L2	Adapter panel LC/APC
NN	Splice only

Number of adapters installed	
4	4
8	8 (LC only: 4 duplex)
0	None

Number of pigtails installed	
4	4
8	8 (LC only)
0	None

Mounting kit	
N	No mounting kit

Splicing capacity	
24	24 fusion splices (45 mm)

Product description	Description
OFDC-A4-NN/00-NN-N-24	OFDC-A4 splice only, no patch panel
OFDC-A4-S2/00-NN-N-24	OFDC-A4 patch panel, no pigtails, no adapters
OFDC-A4-S2/44-NN-N-24	OFDC-A4 4SC/APC pigtails and adapters installed
OFDC-A4-L2/88-NN-N-24	OFDC-A4 8LC/APC pigtails and four duplex adapters installed

OFDC B8G Series

OFDC – B8G - ☐☐ / ☐☐ - NN - ☐ - ☐☐

Prefix	
S1	Adapter panel SC/UPC
L1	Adapter panel LC/UPC
S2	Adapter panel SC/APC
L2	Adapter panel LC/APC
NN	Splice only

Number of adapters installed	
8	8
G	16 (LC only: 8 duplex)
0	None

Number of pigtails installed	
8	8
G	16 (LC only: 8 duplex)
0	None

Mounting kit	
N	No mounting kit

Splicing capacity	
66	66 fusion splices (45 mm)

Product description	Description
OFDC-B8G-NN/00-NN-N-66	OFDC-B8G splice only
OFDC-B8G-S2/00-NN-N-66	OFDC-B8G patch panel, no pigtails, no adapters
OFDC-B8G-S2/88-NN-N-66	OFDC-B8G 8 SC/APC pigtails and adapters installed
OFDC-B8G-S2/GG-NN-66	OFDC-B8G 16 LC/APC pigtails and eight duplex adapters installed

OFDC C12 Series

OFDC – C12 - ☐☐ / ☐☐-NN-☐-☐☐

Prefix	
S1	Adapter panel SC/UPC
L1	Adapter panel LC/UPC
S2	Adapter panel SC/APC
L2	Adapter panel LC/APC
NN	Splice only

Number of adapters installed	
T	12
V	24 (LC only: 12 duplex)
0	None

Number of pigtails installed	
T	12
V	24 (LC only)
0	None

Mounting kit	
N	No mounting kit

Splicing capacity	
96	96 | 96 fusion splices (45 mm)

Product description	Description
OFDC-C12-NN/00-NN-N-96	OFDC-C12 splice only
OFDC-C12-S2/00-NN-N-96	OFDC-C12 patch panel, no pigtails, no adapters
OFDC-C12-S2/TT-NN-N-96	OFDC-C12 12 SC/APC pigtails and adapters installed
OFDC-C12-L2/VV-NN-N-96	OFDC-C12 24 LC/APC pigtails and 12 duplex adapters installed

CommScope E-Catalog CLICK HERE. Additional product information, installation instructions and videos are available.

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