

Apex® OPGW Connector Kits

Connector Kit for OPGW into Apex X-1, X-2 and X-2S Splice Closures

Connector Kits are assembled based on the OPGW cable that is being utilized. They are typically installed in pairs and can be modified to accommodate a wide range of OPGW cables. Both a download clamp (FDOA-XXYY; sold separately) and a furcation kit (AXOFC01; sold separately) are recommended for torsional resistance and ease of installation.



Apex OPGW Connector Kit – AX-APCK and AX-SCK

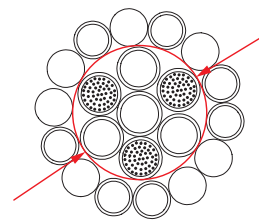
Ordering Information

AX	—	ZZZZ	—	Y	—	XXX/XXX
Apex Closure		OPGW Connector Kit Cable Type		Range Code in Decimal Inches		Cable Diameter Range Code in Decimal Inches
		APCK = CentraCore, AlumaCore		See Table 1 below		See Table 2 below
		SCK = MiniCore, TriCore, PentaCore, HexaCore				

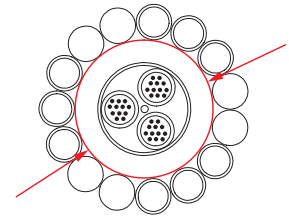
Ordering Example: For cable DNO-12776, with an Outer Layer Diameter of 0.528", AlumaCore Inner Diameter of 0.3315", the AFL Number is AX-APCK-D-522/537.

Table 1 – Inner Layer Range Codes

Range Code	MiniCore, HexaCore or PentaCore Layer 1 Diameter	CentraCore or AlumaCore Pipe Diameter
A	0.000 - 0.584	0.185 - 0.227
B	—	0.228 - 0.264
C	—	0.265 - 0.300
D	—	0.301 - 0.374
E	—	0.375 - 0.479
F	—	0.480 - 0.550
G	—	0.551 - 0.630
H	—	0.631 - 0.700



MiniCore, HexaCore or PentaCore



CentraCore or AlumaCore

Table 2 – Cable Diameter Range Codes

Range Code	Cable Diameter Range	
	Min.	Max
225/240	0.225	0.240
241/255	0.241	0.255
256/271	0.256	0.271
272/286	0.272	0.286
287/302	0.287	0.302
303/318	0.303	0.318
319/333	0.319	0.333
334/349	0.334	0.349
350/365	0.350	0.365
366/380	0.366	0.380
381/396	0.381	0.396

Range Code	Cable Diameter Range	
	Min.	Max
397/412	0.397	0.412
413/427	0.413	0.427
428/443	0.428	0.443
444/459	0.444	0.459
460/474	0.460	0.474
475/490	0.475	0.490
491/506	0.491	0.506
507/521	0.507	0.521
522/537	0.522	0.537
538/553	0.538	0.553
554/568	0.554	0.568

Range Code	Cable Diameter Range	
	Min.	Max
569/583	0.569	0.583
584/599	0.584	0.599
600/615	0.600	0.615
616/630	0.616	0.630
631/646	0.631	0.646
647/662	0.647	0.662
663/677	0.663	0.677
678/693	0.678	0.693
694/708	0.694	0.708
709/727	0.709	0.727
728/740	0.728	0.740

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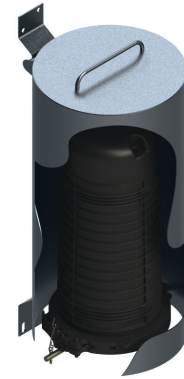
Apex® OPGW Connector Kits Accessories

BPC-AX-BG2 Bullet Guard

Engineered to resist small firearms, even at close range, AFL's BPC-AX-BG2 Bullet Guard ensures unparalleled security. Its drop-in hinge design simplifies attachment to the coil bracket, while stainless steel construction with a bead-blasted finish ensures durability. Equipped with an attached lifting hook and hardware retention cables, installation and maintenance are made effortless. For more information, [see spec sheet](#).

Ordering Information

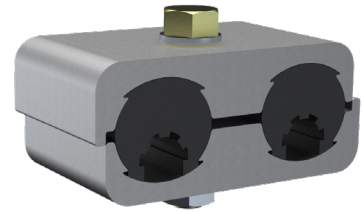
Model	AFL NO.
BPC-AX-BG2 Bullet Guard Canister	BPC-AX-BG2



BPC-AX-BG2

OPGW Downlead Clamp

AFL Downlead Clamps are used to guide Optical Ground Wire from the top of the structure to the splice box. AFL's Downlead Clamps install easily and provide proper spacing and hold strength without damage to the cable. Recommended for tying multiple cable together in order to avoid torsion or twisting of cables inside Apex Splice Closure. [See spec sheet for FDOA XXYY](#) for ordering information.



FDOA XXYY No Adapter

Apex OPGW Connector Kit – Furcation Kit

The Apex Furcation Kit for OPGW includes the materials required to properly divide fibers into groups inside the Apex X-1, X-2 and X-2S Splice Closures.

Ordering Information

Model	AFL NO.
Apex OPGW Furcation Kit	AXOFK01



CB-44-3AL Coil Bracket

The CB-44-3AL is 44 inches wide and stores extra length of ADSS or OPGW cable. It is used with AFL's Apex® sealed splice closure and the SB01 and Opti-Guard® splice enclosures.

Ordering Information

Model	AFL NO.
CB-44-3AL External Coil Bracket	CB-44-3AL

