



## Flat Drop Cable Part Number Configurator

FOSPC - **XXX** - **X** - **XXXXXXXXXX** - **XX003** - **XX**

CODE   Fiber Count	CODE   WAVEOPTICS® Fiber Type	Family	Subfamily	CODE	CODE   Marking	CODE   Jacket Material	Loose Tube Material	CODE   Optical Cable Compliance
001 - 1 fiber 002 - 2 fibers 004 - 4 fibers 006 - 6 fibers 008 - 8 fibers 012 - 12 fibers	F - SM G652.D fiber T - SM G657.A1 fiber E - SM G657.A2 fiber G - SM G655.C fiber B - MM OM1 fiber L - MM OM2 TRUE BEND fiber M - MM OM3 TRUE BEND fiber P - MM OM4 TRUE BEND fiber	Flat Drop Cables	Flat Drop Cable	FDLTD30	00 - Meters FT - Feet	003 - HDPE	- PBT	US - WAVEOPTICS® standard AC - Buy American Act compliance
	Gel-Free Flat Drop Cable		FDLTD30					
	Toneable Flat Drop Cable		TFDLT30					
	Toneable Gel-Free Flat Drop Cable		TFDLTD30					
	Rugged Flat Drop Cable		FDLTD20					
	Rugged Gel-Free Flat Drop Cable		FDLTD20					
	Rugged Toneable Flat Drop Cable		TFDLT20					
	Rugged Toneable Gel-Free Flat Drop Cable	TFDLTD20						

CODE   OFS® Fiber Type
1 - SM G652.D fiber
2 - SM G657.A1 fiber AllWave® FLEX
3 - SM G657.A2 fiber AllWave® FLEX+
7 - SM G655.C fiber TrueWave® LA
5 - MM OM1 fiber 62.5 um Laser Optimized
8 - MM OM2 fiber 50 um Graded Index
9 - MM OM3 fiber LaserWave® FLEX 300
0 - MM OM4 fiber LaserWave® FLEX 550

### Color Code

All our cables are compliant with the TIA-598-C color code standard for the loose tubes and fibers.



**SAG AND TENSION GUIDE FOR FLAT DROP CABLES**  
**IS AVAILABLE ON OUR WEBSITE WWW.WAVEOPTICS.NET**

### Gel-Filled Loose Tubes

Loose tubes are filled with water blocking gel to avoid water penetration into the cable.

### Gel-Free Loose Tubes

Loose tubes are gel-free and use water blocking yarns instead of gel for protection, making a lighter cable and allowing cleaner and faster operations.

NOTE: Please contact your WAVEOPTICS® distributor if you have questions about the part number configurator.



# ABF Cable Part Number Configurator

# FOSPC - XXX - X - ABF - XX003 - EX



CODE   Fiber Count	CODE   WAVEOPTICS® Fiber Type	Family   Subfamily   CODE	CODE   Marking	CODE   Jacket Material   Loose Tube Material	CODE   Optical Cable Compliance
<b>012</b> - 12 Fibers <b>024</b> - 24 Fibers <b>036</b> - 36 Fibers <b>048</b> - 48 Fibers <b>072</b> - 72 Fibers <b>096</b> - 96 Fibers <b>144</b> - 144 Fibers <b>288</b> - 288 Fibers	<b>F</b> - SM G652.D Fiber <b>T</b> - SM G657.A1 Fiber <b>E</b> - SM G657.A2 Fiber <b>G</b> - SM G655.C Fiber	<b>ABF Cables</b> Air Blown Fiber Cable <b>ABF</b>	<b>00</b> - Meters <b>FT</b> - Feet	<b>003</b> - HDPE - PBT	<b>EX</b> - WAVEOPTICS® Standard

### Color Code

All our cables are compliant with the TIA-598-C color code standard for the loose tubes and fibers.



### S-Z Stranding

S-Z stranding method for loose tubes allows the fibers to remain protected in the case of dynamic tension and facilitates mid-span access to the fibers.

### Gel-Filled Loose Tubes

Loose tubes are filled with water blocking gel to avoid water penetration into the cable.



## Loose Tube Dielectric Cable Part Number Configurator

# FOSPC - XXX - X - XXXXXX - XXXXX - XX



CODE	Fiber Count	CODE	WAVEOPTICS® Fiber Type	Family	Subfamily	CODE	CODE	Marking	CODE	Jacket Material	Loose Tube Material	CODE	Optical Cable Compliance
002	- 2 fibers	F	- SM G652.D fiber	Loose Tube Slim Cables	Central Loose Tube Slim Cable	SJADUT59	00	- Meters	000	- MDPE	- PP	EX	- WAVEOPTICS® slim design
004	- 4 fibers	T	- SM G657.A1 fiber		Central Loose Tube Gel-Free Slim Cable	SJADDUT59	FT	- Feet	001	- HDPE	- PP	US	- WAVEOPTICS® standard
006	- 6 fibers	E	- SM G657.A2 fiber		Loose Tube Slim Cable	SJAD			002	- MDPE	- PBT	AC	- Buy American Act compliance
008	- 8 fibers	G	- SM G655.C fiber		Loose Tube Gel-Free Slim Cable	SJADD			003	- HDPE	- PBT		
012	- 12 fibers	B	- MM OM1 fiber	Loose Tube Cables	Central Loose Tube Cable	SJADUT70							
024	- 24 fibers	L	- MM OM2 TRUE BEND fiber		Central Loose Tube Gel-Free Cable	SJADDUT70							
036	- 36 fibers	M	- MM OM3 TRUE BEND fiber		Loose Tube Cable	SJAD							
048	- 48 fibers	P	- MM OM4 TRUE BEND fiber		Loose Tube Gel-Free Cable	SJADD							
072	- 72 fibers			Loose Tube Dielectric Armored Slim Cables	Loose Tube Flat Ribbon Fiber Cable	RSJAD							
096	- 96 fibers												
144	- 144 fibers												
192	- 192 fibers												
216	- 216 fibers			Loose Tube Dielectric Armored Cables	Loose Tube Dielectric Armored Double Jacket Slim Cable	DJADY							
288	- 288 fibers				Loose Tube Gel-Free Dielectric Armored Double Jacket Slim Cable	DJADYD							
432	- 432 fibers				Loose Tube Flat FRP Armored Double Jacket Slim Cable	ADSADJ							
					Loose Tube Dielectric Armored Double Jacket Cable	DJADY							
					Loose Tube Gel-Free Dielectric Armored Double Jacket Cable	DJADYD							
					Loose Tube Flat FRP Armored Double Jacket Cable	ADSADJ							

**WAVEOPTICS® Slim Cable** designs have a reduced weight and size to fulfill the needs of outdoor installations that require a lighter cable, while still satisfying the robustness demands of such installations.

**WAVEOPTICS® Standard Cable** designs have a robust construction that satisfy the requirements of the most demanding installations.

**Color Code**  
All our cables are compliant with the TIA-598-C color code standard for the loose tubes and fibers.

**Gel-Free Loose Tubes**  
Loose tubes are gel-free and use water blocking yarns instead of gel for protection, making a lighter cable and allowing cleaner and faster operations.

**Gel-Filled Loose Tubes**  
Loose tubes are filled with water blocking gel to avoid water penetration into the cable.

**S-Z Stranding**  
S-Z stranding method for loose tubes allows the fibers to remain protected in the case of dynamic tension and facilitates mid-span access to the fibers.

NOTE: Please contact your WAVEOPTICS® distributor if you have questions about the part number configurator.



## Loose Tube Armored Cable Part Number Configurator

FOSPC - XXX - X - XXXXXX - XXXXX - XX



CODE   Fiber Count	CODE   WAVEOPTICS® Fiber Type	Family   Subfamily	CODE	CODE   Marking	CODE   Jacket Material	Loose Tube Material	CODE   Optical Cable Compliance
002 - 2 fibers	F - SM G652.D fiber	Loose Tube Single-Armored Slim Cables	Loose Tube Single-Armored Single Jacket Slim Cable	SJSA	00 - Meters FT - Feet	000 - MDPE - PP 001 - HDPE - PP 002 - MDPE - PBT 003 - HDPE - PBT	EX - WAVEOPTICS® slim design US - WAVEOPTICS® standard AC - Buy American Act compliance
004 - 4 fibers	T - SM G657.A1 fiber		Loose Tube Gel-Free Single-Armored Single Jacket Slim Cable	SJSAD			
006 - 6 fibers	E - SM G657.A2 fiber		Loose Tube Single-Armored Double Jacket Slim Cable	DJSA			
008 - 8 fibers	G - SM G655.C fiber		Loose Tube Gel-Free Single-Armored Double Jacket Slim Cable	DJSAD			
012 - 12 fibers	B - MM OM1 fiber						
024 - 24 fibers	L - MM OM2 TRUE BEND fiber	Loose Tube Single-Armored Cables	Central Loose Tube Armored Cable	SJSAUT			
036 - 36 fibers	M - MM OM3 TRUE BEND fiber		Loose Tube Single-Armored Single Jacket Cable	SJSA			
048 - 48 fibers	P - MM OM4 TRUE BEND fiber		Loose Tube Gel-Free Single-Armored Single Jacket Cable	SJSAD			
072 - 72 fibers			Loose Tube Single-Armored Double Jacket Cable	DJSA			
096 - 96 fibers			Loose Tube Gel-Free Single-Armored Double Jacket Cable	DJSAD			
144 - 144 fibers		Loose Tube Single-Armored Flat Ribbon Cable	RSJSAD				
192 - 192 fibers		Loose Tube Double-Armored Cables	Loose Tube Double-Armored Double Jacket Cable	DJDA			
216 - 216 fibers			Loose Tube Gel-Free Double-Armored Double Jacket Cable	DJDAD			
288 - 288 fibers			Loose Tube Double-Armored Triple Jacket Cable	TJDA			
432 - 432 fibers			Loose Tube Gel-Free Double-Armored Triple Jacket Cable	TJDAD			

NOTE: Please contact your WAVEOPTICS® distributor if you have questions about the part number configurator.

**Color Code**  
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**Gel-Free Loose Tubes**  
Loose tubes are gel-free and use water blocking yarns instead of gel for protection, making a lighter cable and allowing cleaner and faster operations.

**Gel-Filled Loose Tubes**  
Loose tubes are filled with water blocking gel to avoid water penetration into the cable.

**S-Z Stranding**  
S-Z stranding method for loose tubes allows the fibers to remain protected in the case of dynamic tension and facilitates mid-span access to the fibers.

[www.waveoptics.net](http://www.waveoptics.net)





# ADSS Cable Part Number Configurator



CODE   Fiber Count	CODE   WAVEOPTICS® Fiber Type	Family	Subfamily Name	CODE	CODE   Electric Field Potential	CODE   SPAN	CODE   NESC	CODE   Marking	CODE   Jacket Material   Loose Tube Material	CODE   Optical Cable Compliance	
002 - 2 fibers	F - SM G652.D fiber	ADSS Slim Cables	Single Jacket ADSS Slim Cable	SSSJ	T - 12 kV to 25 kV	1 - 300 ft	N/A - Light	00 - Meters	000 - MDPE - PP	EX - WAVEOPTICS® slim design	
004 - 4 fibers	T - SM G657.A1 fiber		Double Jacket ADSS Slim Cable	SSDJ	R - Above 25 kV and up to 400 kV	1D - 450 ft	M - Medium	FT - Feet	002 - MDPE - PBT	US - WAVEOPTICS® standard	
006 - 6 fibers	E - SM G657.A2 fiber		Single Jacket ADSS Slim Track-Resistant Cable	SSSJ	NOTE: Only available for Track-Resistant cables						
008 - 8 fibers	G - SM G655.C fiber		Double Jacket ADSS Slim Track-Resistant Cable	SSDJ				V - Heavy			AC - Buy American Act compliance
012 - 12 fibers	B - MM OM1 fiber	Cables	Single Jacket ADSS Cable	SSSJ		2C - 750 ft					
024 - 24 fibers	L - MM OM2 TRUE BEND fiber		Double Jacket ADSS Cable	SSDJ		2H - 900 ft					
036 - 36 fibers	M - MM OM3 TRUE BEND fiber		Single Jacket ADSS Track-Resistant Cable	SSSJ		3B - 1,050 ft					
048 - 48 fibers	P - MM OM4 TRUE BEND fiber		Double Jacket ADSS Track-Resistant Cable	SSDJ		3G - 1,200 ft					
072 - 72 fibers						4B - 1,350 ft					
096 - 96 fibers					4F - 1,500 ft						
144 - 144 fibers											
192 - 192 fibers											
216 - 216 fibers											
288 - 288 fibers											
432 - 432 fibers											

CODE   OFS® Fiber Type
1 - SM G652.D fiber
2 - SM G657.A1 fiber AllWave® FLEX
3 - SM G657.A2 fiber AllWave® FLEX+
7 - SM G655.C fiber TrueWave® LA
5 - MM OM1 fiber 62.5 um Laser Optimized
8 - MM OM2 fiber 50 um Graded Index
9 - MM OM3 fiber LaserWave® FLEX 300
0 - MM OM4 fiber LaserWave® FLEX 550

**Color Code**  
All our cables are compliant with the TIA-598-C color code standard for the loose tubes and fibers.

**Gel-Free Loose Tubes**  
Loose tubes are gel-free and use water blocking yarns instead of gel for protection, making a lighter cable and allowing cleaner and faster operations.

**Gel-Filled Loose Tubes**  
Loose tubes are filled with water blocking gel to avoid water penetration into the cable.

**S-Z Stranding**  
S-Z stranding method for loose tubes allows the fibers to remain protected in the case of dynamic tension and facilitates mid-span access to the fibers.

**SAG AND TENSION GUIDE FOR ADSS CABLES IS AVAILABLE ON OUR WEBSITE WWW.WAVEOPTICS.NET**

NOTE: Please contact your WAVEOPTICS® distributor if you have questions about the part number configurator.



Figure 8 Cable



# Figure 8 Cable Part Number Configurator

FOSPC - **XXX** - **X** - **XXXXXXXXXX** - **XXXXXX** - EX



CODE	Fiber Count	CODE	WAVEOPTICS® Fiber Type	Family	Subfamily Name	CODE	Messenger diameter	CODE	Marking	CODE	Jacket Material	Loose Tube Material	CODE	Optical Cable Compliance
002	- 2 fibers	F	- SM G652.D fiber	Figure 8 Slim Cables	Loose Tube Figure 8 Slim Cable	F8SJ	5 - 3/16 in	00	- Meters	000	- MDPE	- PP	EX	- WAVEOPTICS® slim design
004	- 4 fibers	T	- SM G657.A1 fiber		Loose Tube Gel-Free Figure 8 Slim Cable	F8SJD	6 - 1/4 in	FT	- Feet	002	- MDPE	- PBT		
006	- 6 fibers	E	- SM G657.A2 fiber		Loose Tube Single-Armored Figure 8 Slim Cable	F8SJSA								
008	- 8 fibers	G	- SM G655.C fiber		Loose Tube Gel-Free Single-Armored Figure 8 Slim Cable	F8SJSAD								
012	- 12 fibers	B	- MM OM1 fiber		Loose Tube Single-Armored Double Jacket Figure 8 Slim Cable	F8DJSA								
024	- 24 fibers	L	- MM OM2 TRUE BEND fiber		Loose Tube Gel-Free Single-Armored Double Jacket Figure 8 Slim Cable	F8DJSAD								
036	- 36 fibers	M	- MM OM3 TRUE BEND fiber											
048	- 48 fibers	P	- MM OM4 TRUE BEND fiber											

CODE	OFS® Fiber Type
1	- SM G652.D fiber
2	- SM G657.A1 fiber AllWave® FLEX
3	- SM G657.A2 fiber AllWave® FLEX+
7	- SM G655.C fiber TrueWave® LA
5	- MM OM1 fiber 62.5 um Laser Optimized
8	- MM OM2 fiber 50 um Graded Index
9	- MM OM3 fiber LaserWave® FLEX 300
0	- MM OM4 fiber LaserWave® FLEX 550



NOTE: Please contact your WAVEOPTICS® distributor if you have questions about the part number configurator.

**Gel-Free Loose Tubes**  
Loose tubes generally made of PP that are gel-free and use water blocking yarns instead of gel for protection, making a lighter cable and allowing cleaner and faster operations.

**Color Code**  
All our cables are compliant with the TIA-598-C color code standard for the loose tubes and fibers.

**S-Z Stranding**  
S-Z stranding method for loose tubes allows the fibers to remain protected in the case of dynamic tension and facilitates mid-span access to the fibers.

**Gel-Filled Loose Tubes**  
Loose tubes generally made of PP and filled with water blocking gel to avoid water penetration into the cable.