

oc-Fiber Optic Cable

RUS Standard Designations "BFO", "CO", and "UO" (Filled) 7 CFR 1755.900
 These manufacturers' cables shown by catalog designations comply with 7 CFR 1755.900

oc-a Unit Core or Central Core Tube Fiber Core Construction

RUS Standard Suffixes

Cable Construction

<u>Manufacturer</u>	<u>A(1)</u>	<u>B(1)</u>	<u>C</u>	<u>D</u>	<u>P(2)</u>	<u>Mode</u>	
						<u>s</u>	<u>m</u>
Alcoa Fujikura Ltd (7)	-	Dielectric__(31)	-	-	-	-	-
	-	Uni-Tube	-	-	-	-	-
	-	MicroCore (4)(32)	-	-	-	X	X
Corning Cable Systems(7)	-	SST-Ribbon	SST-Ribbon	-	(X)P-RUS	X	X
	-	SST	SST(12)	-	(X)P-RUS	X	X
Draka Comteq	-	Unitube(5)	Unitube(5)	-	-	X	-
	-	-	MicroUnitube™(6)	-	-	X	-
OFS BrightWave(6)	-	(26)DNX	(26)D_(11)X	-	-	X	-
	-	713X	71SX	-	-	X	-
Pirelli(5)	-	-	-	CentraLink™(4)(20)	-	X	-
Sumitomo Electric(7)	-	Litepipe™ ADS™	Litepipe™ Armorlux®	-	-	X	X
Superior Essex(5)	-	SLT(4)	-	SLT(4)	-	X	-
	-	SLT-D-R (Ribbon)(4)	-	SLT-D-R (Ribbon)(4)	-	X	-

See page 1.5.4 for suffixes and page 1.5.5 for notes.

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oc-b Gel Filled Multiple Loose Tube Core Construction⁽³⁾

RUS Standard Suffixes

Cable Construction

<u>Manufacturer</u>	<u>E(1)</u>	<u>F(1)</u>	<u>G</u>	<u>H</u>	<u>P(2)</u>	<u>Mode</u>	
						<u>s</u>	<u>m</u>
Draka Comteq ⁽⁵⁾	Loose Tube Filled	Loose Tube Filled	Loose Tube Filled	Loose Tube Filled	-	X	-
	-	R740L Series	-	R700L Series	-	X	-
OFS BrightWave ⁽⁷⁾	Non-armored	Non-armored	Armored	Armored	(X)P-RUS	X	X
	-	-	Light-Armored	Light-Armored	(X)P-RUS	X	X
Pirelli ⁽⁵⁾	-	Dielectric LT ⁽²⁰⁾	-	Armored LT ⁽²⁰⁾	-	X	-
Remeo Products ⁽⁷⁾	-	22 Series	-	23 Series ⁽²¹⁾	-	X	X
	-	-	-	28 Series ⁽²⁴⁾	-	X	X
Sumitomo Electric ⁽⁷⁾	SE-__(25)HK	SE-__(25)GK	SE-__(25)H__(19)	SE-__(25)G__(19)	-	X	X
Superior Essex ⁽⁵⁾	MLT	MLT	MLT	MLT	-	X	-

See page 1.5.4 for suffixes and page 1.5.5 for notes.

oc-Fiber Optic Cable

RUS Standard Designations "CFO" (Filled) 7 CFR 1755.900
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oc-c Self-Supporting Filled Fiber Optic Cables

RUS Standard Suffixes

Cable Construction

<u>Manufacturer</u>	<u>I</u>	<u>J</u>	<u>K</u>	<u>L</u>	<u>P(2)</u>	<u>Mode</u>	
						<u>s</u>	<u>m</u>
Alcoa Fujikura Ltd ⁽⁷⁾	-	AFL Mini-Span Series ⁽²³⁾	-	-	-	X	X
Corning Cable Systems ⁽⁷⁾	SST-Ribbon	SOLO-ADSS ⁽²⁰⁾	SST-Ribbon	-	(X)P-RUS	X	X
	ALTOS™ ⁽²³⁾	SOLO-ADSS ⁽²⁰⁾⁽²³⁾	ALTOS™__ ⁽²²⁾⁽²³⁾	-	(X)P-RUS	X	X
	ALTOSRD™ ⁽²³⁾	-	ALTOSRD™__ ⁽²²⁾⁽²³⁾	-	(X)P-RUS	X	X
	SST	-	SST ⁽¹²⁾	-	(X)P-RUS	X	X
Draka Comteq	EZ PREP™ Figure 8 ⁽⁵⁾	EZ Span™ ⁽⁶⁾	EZ PREP™ Figure 8 ⁽⁵⁾	-	-	X	-
	EZ PREP™ Figure 8 ⁽⁶⁾⁽²³⁾	-	EZ PREP™ Figure 8 ⁽⁶⁾⁽²³⁾	-	-	X	-
General Cable ⁽⁶⁾	4M_ ⁽¹³⁾ Y-DWB ⁽²³⁾	-	4H_ ⁽¹³⁾ N-DWB ⁽²³⁾	-	-	X	-
OFS BrightWave	Figure8 ⁽⁷⁾	PowerGuide ⁽⁷⁾⁽²¹⁾	Armored Figure8 ⁽⁷⁾	-	(X)P-RUS	X	X
	-	PowerGuide ⁽⁸⁾⁽²⁰⁾⁽²³⁾	-	-	(X)P-RUS	X	X
Pirelli ⁽⁵⁾	-	AeroLink™ ⁽²³⁾	-	-	-	X	-
Remeo Products	88 Series ⁽⁷⁾	88 Series ⁽⁷⁾	83 Series ⁽⁷⁾	83 Series ⁽⁷⁾	-	X	X
	88W Series ⁽⁶⁾⁽²³⁾	88W Series ⁽⁶⁾⁽²³⁾	83W Series ⁽⁶⁾⁽²³⁾	83W Series ⁽⁶⁾⁽²³⁾	-	X	-
Superior Essex ⁽⁵⁾	MLT-8	-	MLT-8	-	-	X	-
	MLT-D-8 ⁽²³⁾	-	MLT-D-8 ⁽²³⁾	-	-	X	-

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oc-d Dry Filled Multiple Loose Tube Fiber Core Construction⁽³⁾⁽²³⁾

RUS Standard Suffixes

Cable Construction

<u>Manufacturer</u>	<u>E(1)</u>	<u>F(1)</u>	<u>G</u>	<u>H</u>	<u>P(2)</u>	<u>Mode</u>	
						<u>s</u>	<u>m</u>
Alcoa Fujikura Ltd.(7)	-	AFL Loose Tube Cable	-	AFL Armored Loose Tube Cable	-	X	X
CommScope ⁽⁶⁾	-	LN-XY-F12NS	-	L_ ⁽³⁰⁾ -XY-F12NS	-	X	-
Corning Cable Systems ⁽⁷⁾	ALTOS™	ALTOS™	ALTOS™ ₍₂₂₎	ALTOS™ ₍₂₂₎	(X)P-RUS	X	X
	ALTOSRD™	ALTOSRD™	ALTOSRD™ ₍₂₂₎	ALTOSRD™ ₍₂₂₎	(X)P-RUS	X	X
Draka Comteq	EZ PREP™ Loose Tube ⁽⁶⁾	EZ PREP™ Loose Tube ⁽⁶⁾	EZ PREP™ Loose Tube ⁽⁶⁾	EZ PREP™ Loose Tube ⁽⁶⁾	-	X	-
	-	Non-Armored Flex Tube™ ⁽⁶⁾⁽²⁹⁾	Armored Flex Tube™ ⁽⁶⁾⁽¹⁸⁾	-	-	X	-
	-	DR740L Series ⁽⁹⁾	-	-	-	X	X
General Cable ⁽⁶⁾	4_ ⁽²⁸⁾ 2A-DWB	4_ ⁽²⁸⁾ 1A-DWB	4_ ⁽²⁸⁾ 2F-DWB	4_ ⁽²⁸⁾ 1F-DWB	-	X	-
Hitachi Cable ⁽⁵⁾	-	60090	-	60102 ⁽²⁴⁾	-	X	-
	-	-	-	60298 ⁽²¹⁾	-	X	-
OFS BrightWave ⁽⁸⁾	Non-armored	Non-armored	Armored	Armored	(X)P-RUS	X	X
	-	-	Light-Armored	Light-Armored	(X)P-RUS	X	X
Pirelli ⁽⁵⁾	-	FlexLink™	-	FlexLink™ ⁽²⁰⁾	-	X	-

See page 1.5.4 for suffixes and continued oc-d dry-filled design listing; see page 1.5.5 for notes.

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oc-d Dry Filled Multiple Loose Tube Fiber Core Construction⁽³⁾⁽²³⁾ (Cont'd)

RUS Standard Suffixes

Cable Construction

<u>Manufacturer</u>	<u>E(1)</u>	<u>F(1)</u>	<u>G</u>	<u>H</u>	<u>P(2)</u>	<u>Mode</u>	
						<u>s</u>	<u>m</u>
Remeo Products ⁽⁶⁾	-	22W Series ⁽²⁴⁾	-	28 Series ⁽²⁴⁾	-	X	-
	-	25W Series ⁽²¹⁾	-	23W Series ⁽²¹⁾	-	X	-
Sumitomo Electric ⁽⁷⁾	DriCore®	DriCore®	DriCore®	DriCore®	-	X	X
Superior Essex ⁽⁵⁾	MLT-D	MLT-D	MLT-D	MLT-D	-	X	-

Suffixes:

- A - Nonarmored with Metallic Strength Members Embedded in Jacket
- B - Nonarmored with Dielectric Strength Members Embedded in Jacket
- C - Armored with Metallic Strength Members Embedded in Jacket
- D - Armored with Dielectric Strength Members Embedded in Jacket
- E - Nonarmored with Metallic Central Strength Member
- F - Nonarmored with Dielectric Central Strength Member
- G - Armored with Metallic Central Strength Member
- H - Armored with Dielectric Central Strength Member
- I - Nonarmored with Metallic Support Messenger
- J - Nonarmored with Dielectric Support Messenger
- K - Armored with Metallic Support Messenger
- L - Armored with Dielectric Support Messenger
- P - Preconnectorized Cable
- s - Single Mode
- m - Multimode

See page 1.5.5 for notes.

1.5.5
8-04
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Notes

- (1) Aerial and duct use only.
- (2) Replace (X) with manufacturer's catalog designation shown in the listing for Cable Construction Types A through L.
- (3) May contain multiple fibers per tube.
- (4) Not embedded in jacket; surrounds central core tube.
- (5) Accepted only for dispersion-unshifted and dispersion-shifted single mode optical fibers.
- (6) Accepted only for dispersion-unshifted single mode optical fibers.
- (7) Accepted for dispersion-unshifted and dispersion-shifted single mode optical fibers. Also accepted for 50/125 and 62.5/125 micrometer multimode optical fibers.
- (8) Accepted for dispersion-unshifted and dispersion-shifted single mode optical fibers. Also accepted for 62.5/125-micromode optical fibers.
- (9) Accepted only for dispersion-unshifted single-mode and 50/125 and 62.5/125 micrometer multimode optical fibers.
- (10) Replace blank with either the letter A or L to indicate a double or single jacket.
- (11) Replace blank with either the letter H, M, R, or S.
- (12) Can only be supplied in sizes greater than 12 fibers.
- (13) Replace blank with the number 1 or 2.
- (18) Cable contains no metallic central strength member. Metallic strength members are embedded in the jacket.
- (19) Replace blank with either the letter A or E.
- (20) When ordering designate either single or double jacketed cable.
- (21) Double jacketed design.
- (22) Leave space blank or replace blank space with the word "Lite."
- (23) Cable uses a "Water Blocking Tape" in place of a "Gel Compound" as the filling compound surrounding the multiple loose tube buffers in the cable core.
- (24) Single jacketed design.
- (25) Replace blank with either the number 1, 2, 3, or 4.
- (26) Replace blank with either the number 4 or 7.
- (28) Replace blank with either the letter M or H.
- (29) Cable contains no dielectric central strength member. Dielectric strength members are embedded in the jacket.
- (30) Replace blank with the letter A to indicate single jacketed cable or the number 2 to indicate double jacketed cable.
- (31) Leave space blank or replace blank space with the word "Pure."
- (32) For air blown microduct (a duct having a diameter of 10 millimeters) installations only.