



**Prysmian
Group**

Linking
the Future



FIBER OPTIC CABLE PRODUCTS

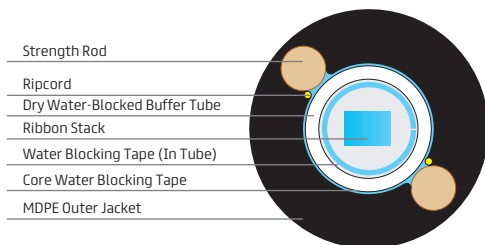
1-800-945-5542 • WWW.PRIORITYWIRE.COM

Dry FusionLink™

Ribbon Central Tube (Dry) Cable



Prysmian



FEATURES AND BENEFITS

Compact Design

- Efficient packaging of higher fiber counts
- Lightweight and easy to handle during installation

Easily Removable Ribbon Matrix

- Allows for ease of stripping and fiber breakout
- Improves mid-span strippability

Precision Ribbon Geometry

- Time and labor savings during fiber splicing

Flexible Buffer Tubet

- Superior kink resistance
- Increased flexibility
- Facilitates route management in closures

Dry Water-Blocking Technology

- Buffer tube and core are completely dry -no gel
- Permits rapid cable preparation and termination
- Water-blocking materials are easily removed

All-Dielectric Strength Elements

- Jacket can be removed from the end in a single step
- Mid-span access is safer and easier

Available Uncoupled or Coupled Designs

- Coupled design (RCD product) couples the ribbon stack with the cable which eliminates the need for splice point coupling coils in aerial application
- Un-coupled design (RCU product) requires the use of coupling coils at the splice points in aerial applications to prevent fiber retraction in closures

Performance

- Meets or exceeds the requirements of Telcordia GR-20 & ICEA 640 and is tested in accordance with relevant EIA/TIA-455 series FOTPs for fiber optic cables
- RDUP listed (tested in accordance with PE-90)

Registered Supplier

- ISO 9001, ISO 14001, TL 9000, and OHSAS 18001



PERFORMANCE SPECIFICATIONS

PERFORMANCE SPECIFICATIONS		
Bend Radius		
Dynamic	20 x Cable OD	
Static (Single Bend)	10 x Cable OD	
Static (Cable Coil)	15 x Cable OD	
Tensile Rating	N	lbf
Installation	2,700	600
Residual	800	180
Crush Resistance	N/cm	lbf/in
Short/ Long Term	220/110	125/63
Temperature Ratings	°C	°F
Operation	-40 to +70	-40 to +158
Installation	-30 to +60	-22 to +140
Storage/Shipping	-40 to +75	-40 to +167

WWW.PRIORITYWIRE.COM

1-800-945-5542

Prysmian

A Brand of Prysmian Group

DF 1

Prysmian Group

4 Tesseneer Drive, Highland Heights, KY 41076
+1-859-572-8000 / na.prysmiangroup.com
TLS-DS-A-203-0521



Fiber Count Range	Recommended Fiber Count	Recommended Prysmian** Part Number	Fibers / Ribbon	Number of Ribbons	Aerial Coupling Coils Required	Buffer Tube OD		Cable OD		Approx. Cable Weight		Max. Reel Length	
						Inches	mm	Inches	mm	lb/kft	kg/km	feet	meters

RCU1JKT

12 – 48	12	RCU1JKT-12-AA-012-BB	12	1 – 4	Yes	0.24	6.2	0.50	12.7	77	114	38,405	11,706
	24	RCU1JKT-12-AA-024-BB											
	48	RCU1JKT-12-AA-048-BB											
456 – 576*	576	RCU1JKT-24-AA-576-BB	24	24	Yes	0.78	19.8	0.97	24.6	231	345	17,864	5,445

RCD1JKT

60 – 72	72	RCD1JKT-12-AA-072-BB	12	5 – 6	No	0.35	8.8	0.60	15.3	104	155	38,405	11,706
84 – 96	96	RCD1JKT-12-AA-096-BB	12	7 – 8	No	0.37	9.5	0.63	16.0	108	162	38,405	11,706
108 – 144	144	RCD1JKT-12-AA-144-BB	12	9 – 12	No	0.42	10.6	0.67	17.1	118	176	33,622	10,248
156 – 216	216	RCD1JKT-12-AA-216-BB	12	13 – 18	No	0.48	12.3	0.74	18.8	136	202	27,818	8,479
240 – 288*	288	RCD1JKT-24-AA-288-BB	24	10 – 12	No	0.56	14.3	0.80	20.3	167	247	17,864	5,445
312 – 432*	432	RCD1JKT-24-AA-432-BB	24	13 – 18	No	0.61	15.4	0.79	20.0	172	256	17,864	5,445
612 – 864*	864	RCD1JKT-36-AA-864-E1	36	17 – 24	No	0.78	19.8	0.97	24.6	231	345	10,718	3,267

* **Note:** This design uses 24 fiber ribbons for counts of 240 to 576 fibers and 36 fiber ribbons for 612 to 864 fibers.
Please refer to ribbon in loose tube designs for higher fiber counts using 12 fiber ribbons.
If on reel testing is required for the 612-864 fiber designs, a reel with 60" drum must be specified on the order.

**Where AA equals glass type and BB equals attenuation code

Ordering Guide

The Prysmian Group part number incorporates several significant attributes involving cable design and optical performance. The appropriate part number can be configured using the process described below

1. RCD Coupled Design Example (for 60 to 432, 612 to 864):

Example: 96 count Dry FusionLink™ with G.652.D LWP single-mode fiber and 0.40/0.40/0.30 attenuation **with** coupling (printed in feet)

1	LENGTH MARKINGS	2	PRODUCT FAMILY	3	CONSTRUCTION	4	FIBER GROUPING	5	FIBER TYPE	6	FIBER COUNT	7	FIBER GRADE
	F		RCD		1JKT		12		HB		096		E1

2. RCU Uncoupled Design Example (for 12 to 48, 576)

Example: 948 count Dry FusionLink™ with G.652.D LWP single-mode fiber and 0.40/0.40/0.30 attenuation **without** coupling (printed in feet)

1	LENGTH MARKINGS	2	PRODUCT FAMILY	3	CONSTRUCTION	4	FIBER GROUPING	5	FIBER TYPE	6	FIBER COUNT	7	FIBER GRADE
	F		RCU		1JKT		12		HB		048		E1

PART NUMBER CONSTRUCTION	
1	LENGTH MARKINGS
	F = Feet or M = Meters
2	PRODUCT FAMILY
	RCD = Dry FusionLink™ Coupled Design (60 to 432, 612 to 864)
	RCU = Dry FusionLink™ Uncoupled Design (12 to 48, 576): aerial coupling coils required
3	CONSTRUCTION
	1JKT = Single Jacket
4	FIBER GROUPING
	12 = 12f per tube
	24 = 24f Ribbons
	36 = 36f Ribbons

Note: Please refer to the Fiber Code Addendum for additional fiber options, or contact us for help.

Other cable constructions and fiber performance grades available on request.

FIBER INFORMATION	
5	FIBER TYPE
SINGLE-MODE	
HB = Single-Mode (ITU G.652 C & D) Low Water Peak	
ES = Enhanced Single-Mode (ITU G.652 C & D)	
CE = Corning™ SMF28e+ Single-Mode	
B1 = Bend-Insensitive Single-Mode (ITU G.657.A1 & G.652.D)	
BB = BendBright™ Single-Mode (ITU G.657.A1 & G.652.D)	
BU = Bend-Insensitive Single-Mode (ITU G.657.A1+ & G.652.D)	
DB = BendBright A1+ Single-Mode (ITU G.657.A1+ & G.652.D)	
CU = Corning™ SMF-28® Ultra Single-Mode (ITU G.657.A1 & G.652.D)	
B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & G.652.D)	
BX = BendBrightXS™ Single-Mode (ITU G.657.A2 & .B2 & G.652.D)	
6	FIBER COUNT
12 to 864 fibers	
7	FIBER GRADE
SINGLE-MODE	
Attenuation (dB/km)	Wavelength (nm)
E1 = 0.40/0.40/0.30	1310/1383/1550
* E3 = 0.35/0.35/0.25	1310/1383/1550

* 612 to 864 fibers limited to E1 attenuation code

WWW.PRIORITYWIRE.COM

1-800-945-5542

Prysmian

A Brand of Prysmian Group

DF 3

Prysmian Group

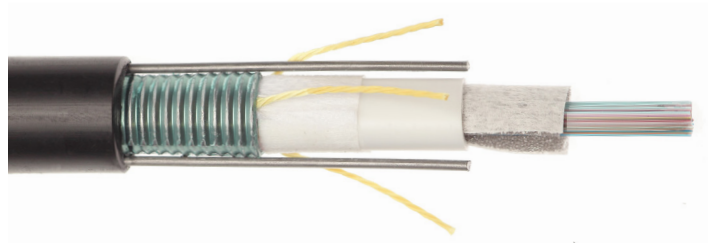
4 Tesseneer Drive, Highland Heights, KY 41076
+1-859-572-8000 / na.prysmiangroup.com
TLS-DS-A-203-0521

Dry FusionLink™ Armored

Ribbon Central Tube (Dry) Cable



Prysmian



MDPE Outer Jacket

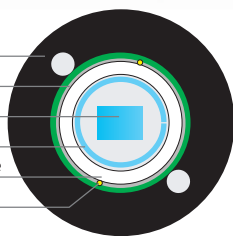
Water Blocking Tape

Ribbon Stack

Water-Blocking Tape (In tube)

Dry Water-Blocked Buffer Tube

Ripcord



FEATURES AND BENEFITS

Compact Design

- Efficient packaging of higher fiber counts
- Lightweight and easy to handle during installation

Easily Removable Ribbon Matrix

- Allows for ease of stripping and fiber breakout
- Improves mid-span strippability

Precision Ribbon Geometry

- Time and labor savings during fiber splicing

Flexible Buffer Tubet

- Superior kink resistance
- Increased flexibility
- Facilitates route management in closures

Dry Water-Blocking Technology

- Buffer tube and core are completely dry – no gel
- Permits rapid cable preparation and termination
- Water-blocking materials are easily removed

ezPrep® Corrugated Steel Armor

- Provides additional mechanical protection
- Special coating reduces time and effort to remove jacket

Available Uncoupled or Coupled Designs

- Coupled design (RCD product) couples the ribbon stack with the cable which eliminates the need for splice point coupling coils in aerial application
- Un-coupled design (RCU product) requires the use of coupling coils at the splice points in aerial applications to prevent fiber retraction in closures

Performance

- Meets or exceeds the requirements of Telcordia GR-20 & ICEA 640 and is tested in accordance with relevant EIA/TIA-455 series FOTPs for fiber optic cables
- Tested in accordance with relevant EIA/TIA-455 series FOTPs for fiber optic cables
- Complies with RUS PE-90

Registered Supplier

- ISO 9001, ISO 14001, TL 9000, and OHSAS 18001



PERFORMANCE SPECIFICATIONS

Bend Radius		
Dynamic	20 x Cable OD	
Static (Single Bend)	10 x Cable OD	
Static (Cable Coil)	15 x Cable OD	
Tensile Rating	N	lbf
Installation	2,700	600
Residual	800	180
Crush Resistance	N/cm	lbf/in
Short/ long Term	220/110	125/63
Temperature Ratings	°C	°F
Operation	-40 to +70	-40 to +158
Installation	-30 to +60	-22 to +140
Storage/Shipping	-40 to +75	-40 to +167

WWW.PRIORITYWIRE.COM

1-800-945-5542

Prysmian

A Brand of Prysmian Group

DF-A 1

Prysmian Group

4 Tesseneer Drive, Highland Heights, KY 41076
+1-859-572-8000 / na.prysmiangroup.com
TLS-DS-A-204-0621

Dry FusionLink™ Armored

Ribbon Central Tube (Dry) Cable



Prysmian

Fiber Count Range	Recommended Fiber Count	Recommended Prysmian** Part Number	Fibers / Ribbon	Number of Ribbons	Aerial Coupling Coils Required	Buffer Tube OD		Cable OD		Approx. Cable Weight		Max. Reel Length	
						Inches	mm	Inches	mm	lb/kft	kg/km	feet	meters

RCU1A1J

12 – 48	12	RCU1A1J-12-AA-012-BB	12	1 – 4	Yes	0.24	6.2	0.50	12.5	102	152	36,693	11,187
	24	RCU1A1J-12-AA-024-BB											
	48	RCU1A1J-12-AA-048-BB											
456 – 576*	576	RCU1A1J-24-AA-576-BB	24	24	Yes	0.78	19.8	1.09	27.8	358	533	16,275	4,960

RCD1A1J

60 – 72	72	RCD1A1J-12-AA-072-BB	12	5 – 6	No	0.35	8.8	0.64	16.3	151	224	36,693	11,187
84 – 96	96	RCD1A1J-12-AA-096-BB	12	7 – 8	No	0.37	9.5	0.67	17.0	157	233	33,111	10,095
108 – 144	144	RCD1A1J-12-AA-144-BB	12	9 – 12	No	0.42	10.6	0.71	18.1	173	258	29,126	8,880
156 – 216	216	RCD1A1J-12-AA-216-BB	12	13 – 18	No	0.48	12.3	0.78	19.8	192	285	24,862	7,580
240 – 288*	288	RCD1A1J-24-AA-288-BB	24	10 – 12	No	0.56	14.3	0.84	21.4	245	364	17,864	5,445
312 – 432*	432	RCD1A1J-24-AA-432-BB	24	13 – 18	No	0.61	15.4	0.90	22.5	262	391	17,864	5,445
612 – 864*	864	RCD1A1J-36-AA-864-E1	36	17 – 24	No	0.78	19.8	1.09	27.8	358	533	10,718	3,267

* **Note:** This design uses 24 fiber ribbons for counts of 240 to 576 fibers and 36 fiber ribbons for 612 to 864 fibers.
 Please refer to ribbon in loose tube designs for higher fiber counts using 12 fiber ribbons.
 If on reel testing is required for the 612-864 fiber designs, a reel with 60” drum must be specified on the order.

**Where AA equals glass type and BB equals attenuation code

WWW.PRIORITYWIRE.COM

1-800-945-5542

Prysmian

A Brand of Prysmian Group

DF-A 2

Prysmian Group
 4 Tesseneer Drive, Highland Heights, KY 41076
 +1-859-572-8000 / na.prysmiangroup.com
 TLS-DS-A-204-0621

Ordering Guide

The Prysmian Group part number incorporates several significant attributes involving cable design and optical performance. The appropriate part number can be configured using the process described below

1. RCD Coupled Design Example (for 60 to 432, 612 to 864):

Example: 96 count Dry FusionLink™ Armored with G.652.D LWP single-mode fiber and 0.40/0.40/0.30 attenuation **with** coupling (printed in feet)

1	LENGTH MARKINGS	2	PRODUCT FAMILY	3	CONSTRUCTION	4	FIBER GROUPING	5	FIBER TYPE	6	FIBER COUNT	7	FIBER GRADE
	F		RCD		1A1J		12		HB		096		E1

2. RCU Uncoupled Design Example (for 12 to 48, 576):

Example: 48 count Dry FusionLink™ Armored with G.652.D LWP single-mode fiber and 0.40/0.40/0.30 attenuation without coupling (printed in feet)

1	LENGTH MARKINGS	2	PRODUCT FAMILY	3	CONSTRUCTION	4	FIBER GROUPING	5	FIBER TYPE	6	FIBER COUNT	7	FIBER GRADE
	F		RCU		1A1J		12		HB		048		E1

PART NUMBER CONSTRUCTION	
1	LENGTH MARKINGS
	F = Feet or M = Meters
2	PRODUCT FAMILY
	RCD = Dry FusionLink™ Coupled Design (60 to 432, 612 to 864)
	RCU = Dry FusionLink™ Uncoupled Design (12 to 48, 576): aerial coupling coils required
3	CONSTRUCTION
	1A1J = Single Armor, Single Jacket
4	FIBER GROUPING
	12 = 12f per tube
	24 = 24f Ribbons
	36 = 36f Ribbons

Note: Please refer to the Fiber Code Addendum for additional fiber options, or contact us for help.

Other cable constructions and fiber performance grades available on request.

FIBER INFORMATION	
5	FIBER TYPE
SINGLE-MODE	
HB = Single-Mode (ITU G.652 C & D) Low Water Peak	
ES = Enhanced Single-Mode (ITU G.652 C & D)	
CE = Corning™ SMF28e+ Single-Mode	
B1 = Bend-Insensitive Single-Mode (ITU G.657.A1 & G.652.D)	
BB = BendBright™ Single-Mode (ITU G.657.A1 & G.652.D)	
BU = Bend-Insensitive Single-Mode (ITU G.657.A1+ & G.652.D)	
DB = BendBright A1+ Single-Mode (ITU G.657.A1+ & G.652.D)	
CU = Corning™ SMF-28® Ultra Single-Mode (ITU G.657.A1 & G.652.D)	
B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & G.652.D)	
BX = BendBrightXS™ Single-Mode (ITU G.657.A2 & .B2 & G.652.D)	
6	FIBER COUNT
12 to 864 fibers	
7	FIBER GRADE
SINGLE-MODE	
Attenuation (dB/km)	Wavelength (nm)
E1 = 0.40/0.40/0.30	1310/1383/1550
* E3 = 0.35/0.35/0.25	1310/1383/1550

* 612 to 864 fibers limited to E1 attenuation code

WWW.PRIORITYWIRE.COM

1-800-945-5542

Prysmian

A Brand of Prysmian Group

DF-A 3

Prysmian Group

4 Tesseneer Drive, Highland Heights, KY 41076
+1-859-572-8000 / na.prysmiangroup.com
TLS-DS-A-204-0621

ExpressLT™ Dry

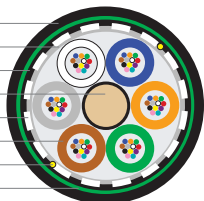
Dry loose tube cable (2.5 mm)



Prysmian



MDPE Outer Jacket
Water Blocking Tape
MDPE Inner Jacket (Double Jacket Designs Only)
Central Strength Member
Outer Strength Members (where applicable)
Dry Buffer Tube Containing up to 12 Fibers
Ripcord
ezPREP® Corrugated Steel Armor (optional)



OVERVIEW

Prysmian's popular ExpressLT™ cable combines buffer tubes with enhanced flexibility, a completely dry water-blocking system, and optional ezPREP® armor. The buffer tubes are also rated for mid-span storage applications. This combination of features makes ExpressLT™ an ideal solution for applications requiring frequent sheath access and express tube storage.

SPECIFICATIONS / RATINGS

Applications Multi-purpose outdoor, aerial lashed, duct, direct buried (when armored)

Constructions Dielectric, armored, double armored, dual jacket

Fiber Count 4 to 432 fibers in color-coded buffer tubes

Fiber Types Single-mode, multimode, bend-insensitive SM, NZDS

Options Steel central member, 24 AWG copper pair, 16 AWG tonewire, striped jacket, factory-installed pulling eye

Similar Alternatives Gel buffer tubes / LT 2.0 / heavy duty / central / indoor-outdoor / indoor / self-support / microduct

Standards Tested in accordance with TIA 455 series FOTPs for fiber optic cables. Complies with ICEA 640, RUS 7 CFR 1755 (PE90 listed), Telcordia GR-20, and IEC 60794-3-11

Registered Supplier ISO 9001, ISO 14001, TL 9000, and OHSAS 18001



FEATURES AND BENEFITS

Easy Cable Entry and Preparation

- Dry water-blocked core speeds cable access
- Dry water-blocked tubes reduce prep time by an average of 15 minutes per cable end
- Available with ezPREP® armor to allow easy access to the core in mid-sheath entries
- Reverse oscillating stranded core facilitates mid-span access of fibers. Tubes can easily be removed from the core
- Ripcord speeds cable entry & outer jacket removal

Available with ezPREP® Armor

- The jacket can be easily separated from the armor without a heat gun or torch
- Armored cable access, bonding and grounding are faster, easier and safer

Flexible Routing and Termination

- Buffer tubes can be stored in FTTx pedestals, closures and cabinets in lengths up to 20'
- 2.5 mm buffer tubes with enhanced flexibility simplify routing & splice preparation

Multi-Purpose Design

- Suitable for aerial lashed, duct, and direct buried installation (when armored)
- Small diameter and light weight, extends reel and installation lengths
- Optional ezPREP® corrugated steel tape armor provides mechanical protection and rodent resistance

WWW.PRIORITYWIRE.COM

1-800-945-5542

Prysmian

A Brand of Prysmian Group

ED 1

Prysmian Group

4 Tesseneer Drive, Highland Heights, KY 41076
+1-859-572-8000 / na.prysmiangroup.com
TLS-DS-A-101-1022

ExpressLT™ Dry

Dry loose tube cable (2.5 mm)



Prysmian

Dielectric (Non-Armored) (EDH1JKT)

Fiber Count Range	Recommended Fiber Count	Recommended Part Number		# of Buffer Tubes	Diameter		Approx. Cable Weight		Bend Radius Load		Bend Radius No Load		Max. Reel Length	
		Prysmian*	General Cable**		Inches	mm	lb/kft	kg/km	Inches	cm	inches	cm	feet	meters
6 to 60	6	EDH1JKT-12-AA-006-BB	XX0064M1A-DT	5	0.40	10.1	43	64	8	20	4	10	59,054	18,000
	12	EDH1JKT-12-AA-012-BB	XX0124M1A-DT											
	24	EDH1JKT-12-AA-024-BB	XX0244M1A-DT											
	36	EDH1JKT-12-AA-036-BB	XX0364M1A-DT											
	48	EDH1JKT-12-AA-048-BB	XX0484M1A-DT											
72	72	EDH1JKT-12-AA-072-BB	XX0724M1A-DT	6	0.43	10.9	50	75	8	22	4	11	59,054	18,000
84 to 96	96	EDH1JKT-12-AA-096-BB	XX0964M1A-DT	8	0.47	12.0	65	97	10	25	5	13	59,054	18,000
108 to 120	120	EDH1JKT-12-AA-120-BB	XX1204M1A-DT	10	0.54	13.7	81	121	11	28	6	14	59,054	18,000
132 to 144	144	EDH1JKT-12-AA-144-BB	XX1444M1A-DT	12	0.61	15.5	105	156	13	32	6	16	48,528	14,792
156 to 216	216	EDH1JKT-12-AA-216-BB	XX2164M1A-DT	18	0.61	15.5	105	156	13	32	6	16	48,528	14,792
228 to 264	264	EDH1JKT-12-AA-264-BB	XX2644M1A-DT	22	0.68	17.3	128	190	14	35	7	17	41,010	12,500
276 to 288	288	EDH1JKT-12-AA-288-BB	XX2884M1A-DT	24	0.71	18.1	145	216	14	37	7	18	39,820	12,139
290 to 432	432	EDH1JKT-12-AA-432-BB	XX4324M1A-DT	36	0.81	20.6	154	229	16	41	8	21	31,095	9,479

Single Jacket Armored (SP) (EDH1A1J)

Fiber Count Range	Recommended Fiber Count	Recommended Part Number		# of Buffer Tubes	Diameter		Approx. Cable Weight		Bend Radius Load		Bend Radius No Load		Max. Reel Length	
		Prysmian*	General Cable**		Inches	mm	lb/kft	kg/km	Inches	cm	inches	cm	feet	meters
6 to 60	6	EDH1A1J-12-AA-006-BB	XX0064M1F-DT	5	0.46	11.8	89	132	9	24	5	12	59,054	18,000
	12	EDH1A1J-12-AA-012-BB	XX0124M1F-DT											
	24	EDH1A1J-12-AA-024-BB	XX0244M1F-DT											
	36	EDH1A1J-12-AA-036-BB	XX0364M1F-DT											
	48	EDH1A1J-12-AA-048-BB	XX0484M1F-DT											
72	72	EDH1A1J-12-AA-072-BB	XX0724M1F-DT	6	0.50	12.6	97	145	10	25	5	13	59,054	18,000
84 to 96	96	EDH1A1J-12-AA-096-BB	XX0964M1F-DT	8	0.56	14.3	125	186	11	29	6	14	59,054	18,000
108 to 120	120	EDH1A1J-12-AA-120-BB	XX1204M1F-DT	10	0.63	15.9	148	220	12	32	6	16	48,528	14,792
132 to 144	144	EDH1A1J-12-AA-144-BB	XX1444M1F-DT	12	0.69	17.6	176	262	14	35	7	18	41,010	12,500
156 to 216	216	EDH1A1J-12-AA-216-BB	XX2164M1F-DT	18	0.70	17.9	176	262	14	36	7	18	41,010	12,500
228 to 264	264	EDH1A1J-12-AA-264-BB	XX2644M1F-DT	22	0.76	19.4	196	291	15	39	8	19	35,306	10,762
276 to 288	288	EDH1A1J-12-AA-288-BB	XX2884M1F-DT	24	0.81	20.7	214	319	16	42	8	21	29,386	8,958
290 to 432	432	EDH1A1J-12-AA-432-BB	XX4324M1F-DT	36	0.90	23.0	230	342	18	46	9	23	24,054	7,332

Double Jacket Single Armored (PSP) (EDH1A2J)

Fiber Count Range	Recommended Fiber Count	Recommended Part Number		# of Buffer Tubes	Diameter		Approx. Cable Weight		Bend Radius Load		Bend Radius No Load		Max. Reel Length	
		Prysmian*	General Cable**		Inches	mm	lb/kft	kg/km	Inches	cm	inches	cm	feet	meters
6 to 60	6	EDH1A2J-12-AA-006-BB	XX0064H1F-DT	5	0.53	13.5	107	160	11	27	5	14	59,054	18,000
	12	EDH1A2J-12-AA-012-BB	XX00124H1F-DT											
	24	EDH1A2J-12-AA-024-BB	XX00244H1F-DT											
	36	EDH1A2J-12-AA-036-BB	XX00364H1F-DT											
	48	EDH1A2J-12-AA-048-BB	XX00484H1F-DT											
72	72	EDH1A2J-12-AA-072-BB	XX00724H1F-DT	6	0.55	14.0	122	181	11	28	5	14	59,054	18,000
84 to 96	96	EDH1A2J-12-AA-096-BB	XX00964H1F-DT	8	0.61	15.5	137	204	12	31	6	16	53,510	16,310
108 to 120	120	EDH1A2J-12-AA-120-BB	XX1204H1F-DT	10	0.67	17.1	167	249	13	34	7	17	43,104	13,139
132 to 144	144	EDH1A2J-12-AA-144-BB	XX1444H1F-DT	12	0.74	18.9	198	294	15	38	7	19	35,816	10,918
156 to 216	216	EDH1A2J-12-AA-216-BB	XX2164H1F-DT	18	0.76	19.2	198	294	15	38	8	19	35,688	10,879
228 to 264	264	EDH1A2J-12-AA-264-BB	XX2644H1F-DT	22	0.80	20.4	220	327	16	41	8	20	31,446	9,586
276 to 288	288	EDH1A2J-12-AA-288-BB	XX2884H1F-DT	24	0.86	21.8	239	356	17	44	9	22	29,088	8,867
290 to 432	432	EDH1A2J-12-AA-432-BB	XX4324H1F-DT	36	0.94	24.0	257	382	19	48	9	24	22,400	6,828

* Where AA equals glass type and BB equals attenuation

** Where XX equals glass type

WWW.PRIORITYWIRE.COM

1-800-945-5542

Prysmian

A Brand of Prysmian Group

ED 2

Prysmian Group

4 Tessenere Drive, Highland Heights, KY 41076
+1-859-572-8000 / na.prysmiangroup.com
TLS-DS-A-101-1022

ExpressLT™ Dry

Dry loose tube cable (2.5 mm)



Prysmian

Dielectric Double Jacket (PDP) (EDHNA2J)

Fiber Count Range	Recommended Fiber Count	Recommended Part Number		# of Buffer Tubes	Diameter		Approx. Cable Weight		Bend Radius Load		Bend Radius No Load		Max. Reel Length	
		Prysmian*	General Cable**		Inches	mm	lb/kft	kg/km	Inches	cm	inches	cm	feet	meters
6 to 60	6	EDHNA2J-12-AA-006-BB	XX0064H1A-DT	5	0.46	11.7	63	96	9	23	5	12	41,010	12,500
	12	EDHNA2J-12-AA-012-BB	XX0124H1A-DT											
	24	EDHNA2J-12-AA-024-BB	XX0244H1A-DT											
	36	EDHNA2J-12-AA-036-BB	XX0364H1A-DT											
	48	EDHNA2J-12-AA-048-BB	XX0484H1A-DT											
72	72	EDHNA2J-12-AA-072-BB	XX0724H1A-DT	6	0.48	12.2	73	108	10	25	5	12	41,010	12,500
84 to 96	96	EDHNA2J-12-AA-096-BB	XX0964H1A-DT	8	0.54	13.8	89	133	11	28	5	14	41,010	12,500
108 to 120	120	EDHNA2J-12-AA-120-BB	XX1204H1A-DT	10	0.61	15.4	111	165	12	31	6	15	41,010	12,500
132 to 144	144	EDHNA2J-12-AA-144-BB	XX1444H1A-DT	12	0.67	17.1	133	198	13	34	7	17	41,010	12,500
156 to 216	216	EDHNA2J-12-AA-216-BB	XX2164H1A-DT	18	0.67	17.1	137	204	13	34	7	17	41,010	12,500
228 to 264	264	EDHNA2J-12-AA-264-BB	XX2644H1A-DT	22	0.74	18.7	159	237	15	37	7	19	36,138	11,016
276 to 288	288	EDHNA2J-12-AA-288-BB	XX2884H1A-DT	24	0.78	19.8	179	266	16	40	8	20	33,220	10,126

Double Jacket Double Armored (SPSP) (EDH2A2J)

Fiber Count Range	Recommended Fiber Count	Recommended Part Number		# of Buffer Tubes	Diameter		Approx. Cable Weight		Bend Radius Load		Bend Radius No Load		Max. Reel Length	
		Prysmian*	General Cable**		Inches	mm	lb/kft	kg/km	Inches	cm	inches	cm	feet	meters
6 to 60	6	EDH2A2J-12-AA-006-BB	XX0064H1S-DT	5	0.64	16.3	182	272	13	33	6	16	41,010	12,500
	12	EDH2A2J-12-AA-012-BB	XX0124H1S-DT											
	24	EDH2A2J-12-AA-024-BB	XX0244H1S-DT											
	36	EDH2A2J-12-AA-036-BB	XX0364H1S-DT											
	48	EDH2A2J-12-AA-048-BB	XX0484H1S-DT											
72	72	EDH2A2J-12-AA-072-BB	XX0724H1S-DT	6	0.67	17.1	194	289	13	34	7	17	41,010	12,500
84 to 96	96	EDH2A2J-12-AA-096-BB	XX0964H1S-DT	8	0.75	19.1	226	336	15	38	8	19	35,306	10,762
108 to 120	120	EDH2A2J-12-AA-120-BB	XX1204H1S-DT	10	0.80	20.4	258	384	16	41	8	20	31,096	9,479
132 to 144	144	EDH2A2J-12-AA-144-BB	XX1444H1S-DT	12	0.88	22.4	312	465	18	45	9	22	25,630	7,813
156 to 216	216	EDH2A2J-12-AA-216-BB	XX2164H1S-DT	18	0.88	22.4	305	454	18	45	9	22	25,630	7,813
228 to 264	264	EDH2A2J-12-AA-264-BB	XX2644H1S-DT	22	0.94	23.9	338	503	19	48	9	24	22,400	6,828
276 to 288	288	EDH2A2J-12-AA-288-BB	XX2884H1S-DT	24	0.98	24.9	368	547	20	50	10	25	20,282	6,182

Triple Jacket Double Armored (PSPSP) (EDH2A3J)

Fiber Count Range	Recommended Fiber Count	Recommended Part Number		# of Buffer Tubes	Diameter		Approx. Cable Weight		Bend Radius Load		Bend Radius No Load		Max. Reel Length	
		Prysmian*	General Cable**		Inches	mm	lb/kft	kg/km	Inches	cm	inches	cm	feet	meters
6 to 60	6	EDH2A3J-12-AA-006-BB	XX0064E1S-DT	5	0.70	17.8	215	320	14	36	7	18	40,248	12,268
	12	EDH2A3J-12-AA-012-BB	XX0124E1S-DT											
	24	EDH2A3J-12-AA-024-BB	XX0244E1S-DT											
	36	EDH2A3J-12-AA-036-BB	XX0364E1S-DT											
	48	EDH2A3J-12-AA-048-BB	XX0484E1S-DT											
72	72	EDH2A3J-12-AA-072-BB	XX0724E1S-DT	6	0.73	18.6	228	339	15	37	7	19	35,654	10,868
84 to 96	96	EDH2A3J-12-AA-096-BB	XX0964E1S-DT	8	0.78	19.9	265	394	16	40	8	20	31,852	9,709
108 to 120	120	EDH2A3J-12-AA-120-BB	XX1204E1S-DT	10	0.86	21.9	313	466	17	43	9	22	27,160	8,279
132 to 144	144	EDH2A3J-12-AA-144-BB	XX1444E1S-DT	12	0.93	23.7	367	546	19	47	9	24	22,330	6,807
156 to 216	216	EDH2A3J-12-AA-216-BB	XX2164E1S-DT	18	0.93	23.7	367	546	19	47	9	24	22,330	6,807
228 to 264	264	EDH2A3J-12-AA-264-BB	XX2644E1S-DT	22	0.98	25.0	402	598	20	50	10	25	20,312	6,192
276 to 288	288	EDH2A3J-12-AA-288-BB	XX2884E1S-DT	24	1.02	26.0	429	639	20	52	10	26	18,680	5,694

* Where AA equals glass type and BB equals attenuation

** Where XX equals glass type

Installation

Maximum installation load: 600 lbf (2700 N)
Maximum operation load: 180 lbf (800 N)

Temperature Range

Shipping and Storage: -40° F to +167° F (-40° C to +75° C)
Installation: -22° F to +140° F (-30° C to +60° C)
Operation: -40° F to +158° F (-40° C to +70° C)

Mechanical Performance (per ICEA 640 and Telcordia GR20)

Minimum installation bend radius: 20 times the cable diameter
Minimum operating bend radius: 10 times the cable diameter
Short Term Compression: 220 N/cm over 10 cm (125 lb/in over 4 inches)
Long Term Compression: 110 N/cm over 10 cm (62.5 lb/in over 4 inches)
Impact Load: 4.4 Nm

1-800-945-5542

Prysmian

A Brand of Prysmian Group

WWW.PRIORITYWIRE.COM

ED 3

Prysmian Group

4 Tessenere Drive, Highland Heights, KY 41076
+1-859-572-8000 / na.prysmiangroup.com
TLS-DS-A-101-1022

Ordering Guide

The Prysmian Group part number incorporates several significant attributes involving cable design and optical performance. The appropriate part number can be configured using the process described below

Example: ExpressLT™ dry (gel-free) | single armor single jacket (12 fibers/tube) with 72 single-mode fibers (printed in feet)

1 LENGTH MARKINGS	2 PRODUCT FAMILY	3 CONSTRUCTION	4 FIBER GROUPING	5 FIBER TYPE	6 FIBER COUNT	7 FIBER GRADE
F	EDH	1A1J	12	HB	072	E3

PART NUMBER CONSTRUCTION	
1 LENGTH MARKINGS	
	F = Feet or M = Meters
2 PRODUCT FAMILY	
	EDH = ExpressLT™ Dry
3 CONSTRUCTION	
	1JKT = Single Jacket
	1A1J = Single Armor, Single Jacket
	1A2J = Single Armor, Dual Jacket
	2A2J = Double Armor, Dual Jacket
	2A3J = Double Armor, Triple Jacket
	NA2J = Non Armored, Dual Jacket
4 FIBER GROUPING	
	12 = 12f per tube

FIBER INFORMATION				
5	FIBER TYPE			
SINGLE-MODE				
HB = Single-Mode (ITU G.652 C & D) Low Water Peak				
ES = Enhanced Single-Mode (ITU G.652 C & D)				
CE = Corning™ SMF28e+ Single-Mode				
B1 = Bend-Insensitive Single-Mode (ITU G.657.A1 & G.652.D)				
BU = Bend-Insensitive Single-Mode (ITU G.657.A1+ & G.652.D)				
DU = BendBright+ Single-Mode (ITU G.657.A1+ & G.652.D)				
B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & .B2, & G.652.D)				
LE = LEAF NZDSF (ITU G.655)				
MULTIMODE	Wavelength (nm)	Bandwidth (MHz)	1 GbE Dist (m)	10 GbE Dist (m)
G6 = OM1 (62.5µm)	850/1300	200/500	300/550	33/___
G5 = OM2+ BIF (50µm) ¹	850/1300	700/500	800	150/___
G3 = OM3 BIF (50µm) ¹	850/1300	1500/500	1000	300/___
G4 = OM4 BIF (50µm) ¹	850/1300	3500/500	1100	550/___
6	FIBER COUNT			
004 to 432 fibers				
7	FIBER GRADE			
SINGLE-MODE				
Attenuation (dB/km)	Wavelength (nm)		Fiber Type	
E1 = 0.40/0.40/0.30	1310/1383/1550		HB, ES, or CE	
E3 = 0.35/0.35/0.25	1310/1383/1550		HB, ES, CE, B1, BU, DU, or B2	
N1 = 0.25	1550		LE	
MULTIMODE				
Attenuation (dB/km)	Wavelength (nm)			
M2 = 3.5/1.0	850/1300			
M3 = 3.0/1.0	850/1300			

Other cable constructions and fiber performance grades available on request.

Note 1: 50µm fiber is limited to a maximum of 144 fibers.

WWW.PRIORITYWIRE.COM

1-800-945-5542

Prysmian

A Brand of Prysmian Group

ED 4

Prysmian Group

4 Tesseneer Drive, Highland Heights, KY 41076
+1-859-572-8000 / na.prysmiangroup.com
TLS-DS-A-101-1022

ResiLink™ ADF | Flat Drop Dielectric

All-dielectric flat drop cable (1 to 24 Fibers)



Prysmian



Strength Member
Water-Blocking Material
HDPE Outer Jacket
Gel-Filled Buffer Tube (up to 24 Fibers)



FEATURES AND BENEFITS

Easy Access Design

- The jacket can be easily opened with a knife
- The buffer tube is easily separated from the jacket and strength members
- The 3.0 mm buffer tube provides protection when routing fibers to the splice tray

All-Dielectric Messengers

- No bonding or grounding required
- Flexible and kink resistant

Dry Water-Blocking Technology

- Permits rapid cable preparation and termination
- Water-blocking materials are easily removed

Versatile Design

- Small cross-section and high strength provide good aerial performance
- Can be pushed or pulled through duct
- Highly crush-resistant

Dual Strength Member Design

- More flexible than a single, all-dielectric rod of the same strength
- Easier to handle and coil than comparable all-dielectric figure-8 designs
- A great alternative where steel strength members are not permissible

High Density Polyethylene Jacket

- Low friction installation
- Excellent protection from environmental hazards

Sheath Markings

- Provides positive identification and length verification

Performance

- Complies with Telcordia GR20 and ICEA 717

Registered Supplier

- ISO 9001, ISO 14001, TL 9000, and OHSAS 18001

PERFORMANCE SPECIFICATIONS

Bend Radius		mm	inches
Dynamic		150	5.9
Static		100	3.9
Tensile Rating		N	lbf
Installation Load		1336	300
Temperature Ratings		°C	°F
Operation		-40 to +70	-40 to +158
Installation		-30 to +60	-22 to +140
Storage/Shipping		-40 to +75	-40 to +167
Installation SAG	Maximum Span Distance		
	NESC Heavy ft (m)	NESC Medium ft (m)	NESC Light ft (m)
	150 (45)	260 (79)	330 (100)
	160 (49)	280 (85)	370 (112)
	185 (56)	330 (100)	450 (137)

Dimensions and Weights

Buffer Tube OD	3.0 mm (0.12 in)
Cable Thickness	4.3 mm (0.17 in)
Cable Width	8.3 mm (0.33 in)
Cable Weight	34 kg/km (23 lbs/kft)
Max Cable Length	10,000 m (32,808 ft)

Prysmian

A Brand of Prysmian Group

WWW.PRIORITYWIRE.COM

RADF 1

1-800-945-5542

Prysmian Group

4 Tesseneer Drive, Highland Heights, KY 41076
+1-859-572-8000 / na.prysmiangroup.com
TLS-DS-A-602-0921

ResiLink™ ADF | Flat Drop Dielectric

All-dielectric flat drop cable (1 to 24 Fibers)



Prysmian

Prysmian Part Number*	General Cable Part Number**	Fiber Count
DFD1JKT-12-AA-001-BB	XX0014U1A	1
DFD1JKT-12-AA-002-BB	XX0024U1A	2
DFD1JKT-12-AA-004-BB	XX0044U1A	4
DFD1JKT-12-AA-006-BB	XX0064U1A	6
DFD1JKT-12-AA-012-BB	XX0124U1A	12
DFD1JKT-24-AA-024-BB	XX0244U1A	24

* Where AA equals glass type and BB equals attenuation

** Where XX equals glass type

Package Options

Package	Dimensions H x W x D		Capacity		Ship Weight	
	inches	cm	feet	m	lbs	kg
18" Plywood Reel	18 x 15 x 8	46 x 38 x 20	2600	800	74	33.6
29.5" Plywood Reel	29.5 x 18 x 12	76 x 46 x 30	8000	2450	249	113

*Note: This reel is not rated for long term outdoor storage. This cable is also available in longer lengths on standard OSP reels

Ordering Guide

The Prysmian Group part number incorporates several significant attributes involving cable design and optical performance. The appropriate part number can be configured using the process described below

Example: ResiLink flat dielectric, flat drop (12 fibers/tube) with 2 single-mode fibers (printed in feet)

1	LENGTH MARKINGS	2	PRODUCT FAMILY	3	CONSTRUCTION	4	FIBER GROUPING	5	FIBER TYPE	6	FIBER COUNT	7	FIBER GRADE
F		DFD		1JKT		12		B1		002		E3	

PART NUMBER CONSTRUCTION	
1	LENGTH MARKINGS
F = Feet or M = Meters	
2	PRODUCT FAMILY
DFD = ResiLink™ All-Dielectric Flat Drop Cable	
3	CONSTRUCTION
1JKT = Single Jacket	
4	FIBER GROUPING
12 = 12f per tube	
24 = 24f per tube (for 14 to 24 fiber counts)	

Note: Please refer to the Fiber Code Addendum for additional fiber options, or contact us for help.

FIBER INFORMATION		
5	FIBER TYPE	
SINGLE-MODE		
B1 = Bend-Insensitive Single-Mode (ITU G.657.A1 & G.652.D)		
CU = Corning™ SMF28® Ultra Single-Mode (ITU G.657.A1 & G.652.D)		
B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & .B2, & G.652.D)		
6	FIBER COUNT	
1 to 24 fibers		
7	FIBER GRADE	
SINGLE-MODE		
Attenuation (dB/km)	Wavelength (nm)	Fiber Type
E3 = 0.35/0.35/0.25	1310/1383/1550	B1, CU, or B2

Other cable constructions and fiber performance grades available on request.

Mounting Hardware - Clamp

Manufacturer	Catalog Number	Clamp Description
Belden	23-88881	2 Pair Stainless Steel Drop Wire Clamp



Prysmian

A Brand of Prysmian Group

WWW.PRIORITYWIRE.COM

RA DF 2

1-800-945-5542

Prysmian Group

4 Tesseneer Drive, Highland Heights, KY 41076
+1-859-572-8000 / na.prysmiangroup.com
TLS-DS-A-602-0921

ResiLink™ TF | Flat Drop Toneable

Toneable flat drop cable (1 to 24 Fibers)



Prysmian



24 AWG Tracer Wire

Strength Member

Water-Blocking Material

HDPE Outer Jacket

Gel-Filled Buffer Tube (up to 24 Fibers)



FEATURES AND BENEFITS

Easy Access Design

- The jacket can be easily opened with a knife
- The buffer tube is easily separated from the jacket and strength members
- The 3.0 mm buffer tube provides protection when routing fibers to the splice tray

External Tracer Wire in a Wedded Configuration

- Simplifies location of the cable after installation
- Can be grounded or accessed without opening the rest of the cable
- Easily separated from the rest of the cable without compromising the jacket

All-Dielectric Messengers

- No bonding or grounding required
- Flexible and kink resistant

Dry Water-Blocking Technology

- Permits rapid cable preparation and termination
- Water-blocking materials are easily removed

Versatile Design

- Small cross-section and high strength provide good aerial performance
- Can be pushed or pulled through duct
- Highly crush-resistant

Dual Strength Member Design

- More flexible than a single rod of the same strength
- Easier to handle and coil than comparable all-dielectric figure-8 designs
- A great alternative where steel strength members are not permissible

High Density Polyethylene Jacket

- Low friction installation
- Excellent protection from environmental hazards

Sheath Markings

- Provides positive identification and length verification

Performance

- Complies with Telcordia GR20 and ICEA 717

Registered Supplier

- ISO 9001, ISO 14001, TL 9000, and OHSAS 18001

PERFORMANCE SPECIFICATIONS

Bend Radius		mm	inches
Dynamic		150	5.9
Static		100	3.9
Tensile Rating		N	lbf
Installation Load		1336	300
Temperature Ratings		°C	°F
Operation		-40 to +70	-40 to +158
Installation		-30 to +60	-22 to +140
Storage/Shipping		-40 to +75	-40 to +167
Installation SAG	Maximum Span Distance		
	NESC Heavy ft (m)	NESC Medium ft (m)	NESC Light ft (m)
	150 (45)	260 (79)	330 (100)
	160 (49)	280 (85)	370 (112)
	185 (56)	330 (100)	450 (137)

Dimensions and Weights

Buffer Tube OD	3.0 mm (0.12 in)
Cable Thickness	4.3 mm (0.17 in)
Cable Width	10.5 mm (0.41 in)
Cable Weight	39 kg/km (26 lbs/kft)
Max Cable Length	10,000 m (32,808 ft)

Prysmian

A Brand of Prysmian Group

WWW.PRIORITYWIRE.COM

RTF 1

1-800-945-5542

Prysmian Group

4 Tesseneer Drive, Highland Heights, KY 41076
+1-859-572-8000 / na.prysmiangroup.com
TLS-DS-A-603-0523

ResiLink™ TF | Flat Drop Toneable

Toneable flat drop cable (1 to 24 Fibers)



Prysmian

Prysmian Part Number*	General Cable Part Number**	Fiber Count
DFDNATJ-12-AA-001-BB	XX00164U1A.TF	1
DFDNATJ-12-AA-002-BB	XX0024U1A.TF	2
DFDNATJ-12-AA-004-BB	XX0044U1A.TF	4
DFDNATJ-12-AA-006-BB	XX0064U1A.TF	6
DFDNATJ-12-AA-012-BB	XX0124U1A.TF	12
DFDNATJ-24-AA-024-BB	XX0244U1A.TF	24

* Where AA equals glass type and BB equals attenuation

** Where XX equals glass type

Package Options

Package	Dimensions H x W x D		Capacity		Ship Weight	
	inches	cm	feet	m	lbs	kg
18" Plywood Reel	18 x 15 x 8	46 x 38 x 20	1800	550	55	24.9
29.5" Plywood Reel	29.5 x 18 x 12	76 x 46 x 30	8000	2450	243	110.2

*Note: This reel is not rated for long term outdoor storage. This cable is also available in longer lengths on standard OSP reels

Ordering Guide

The Prysmian Group part number incorporates several significant attributes involving cable design and optical performance.

The appropriate part number can be configured using the process described below

Example: ResiLink flat toneable, flat drop (12 fibers/tube) with 2 single-mode fibers (printed in feet)

1	LENGTH MARKINGS	2	PRODUCT FAMILY	3	CONSTRUCTION	4	FIBER GROUPING	5	FIBER TYPE	6	FIBER COUNT	7	FIBER GRADE
F		DFD		NATJ		12		B1		002		E3	

PART NUMBER CONSTRUCTION

1 LENGTH MARKINGS

F = Feet or M = Meters

2 PRODUCT FAMILY

DFD = ResiLink™ All-Dielectric Flat Drop Cable

3 CONSTRUCTION

NATJ = Non-Armor, Toneable Jacket

4 FIBER GROUPING

12 = 12f per tube

24 = 24f per tube (for 14 to 24 fiber counts)

FIBER INFORMATION

5 FIBER TYPE

SINGLE-MODE

B1 = Bend-Insensitive Single-Mode (ITU G.657.A1 & G.652.D)

CU = Corning™ SMF28® Ultra Single-Mode (ITU G.657.A1 & G.652.D)

B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & .B2, & G.652.D)

6 FIBER COUNT

1 to 24 fibers

7 FIBER GRADE

SINGLE-MODE Attenuation (dB/km)	Wavelength (nm)	Fiber Type
E3 = 0.35/0.35/0.25	1310/1383/1550	B1, CU, or B2

Other cable constructions and fiber performance grades available on request.

Mounting Hardware - Clamp

Manufacturer	Catalog Number	Clamp Description
Belden	23-88881	2 Pair Stainless Steel Drop Wire Clamp



Prysmian

A Brand of Prysmian Group

WWW.PRIORITYWIRE.COM

RTF 2

1-800-945-5542

Prysmian Group

4 Tesseneer Drive, Highland Heights, KY 41076

+1-859-572-8000 / na.prysmiangroup.com

TLS-DS-A-603-0523

Color Code Guide For Fiber Optic Specifications



1	2	3	4	5	6	7	8	9	10	11	12
Blue	Orange	Green	Brown	Slate	White	Red	Black	Yellow	Violet	Rose	Aqua

General Information

Prysmian uses the US industry standard repeating 12-color sequence. When cables go beyond 12 units, the colors repeat but use a stripe to distinguish units.

For buffer tubes containing more than 12 fibers, there are two color schemes:

- Tubes with binder threads: A blue and orange thread binder is used to separate two groups of fibers. The blue unit has the first 12 fibers and the orange unit has the next 12 fibers. This sequence is used by UMH1A1J-24, MDS1JKT-24, and the LongSpan ADSS designs when 24 fibers per tube are specified.
- Tubes with 24 uniquely colored fibers: Fibers 1 to 12 use the standard blue through aqua color sequence. Fibers 13 to 24 use black dashes on the same 12 fiber color sequence except for fiber 20 which uses a black dash on a natural uncolored fiber. This sequence is used by the MDM1JKT-24 microduct cable family of products.

Unit Position Color Code for Loose Tube (TIA-598)

Position	Buffer Tube Color	Position	Buffer Tube Color	Position	Buffer Tube Color
1	Blue	13	Blue w/Black Stripe	25	Blue w/Red Stripe
2	Orange	14	Orange w/Black Stripe	26	Orange w/Red Stripe
3	Green	15	Green w/Black Stripe	27	Green w/Red Stripe
4	Brown	16	Brown w/Black Stripe	28	Brown w/Red Stripe
5	Slate (Gray)	17	Slate w/Black Stripe	29	Slate w/Red Stripe
6	White	18	White w/Black Stripe	30	White w/Red Stripe
7	Red	19	Red w/Black Stripe	31	Red w/Yellow Stripe
8	Black	20	Black w/Yellow Stripe	32	Black w/Red Stripe
9	Yellow	21	Yellow w/Black Stripe	33	Yellow w/Red Stripe
10	Violet	22	Violet w/Black Stripe	34	Violet w/Red Stripe
11	Rose (Pink)	23	Rose w/Black Stripe	35	Rose w/Red Stripe
12	Aqua	24	Aqua w/Black Stripe	36	Aqua w/Red Stripe
				37	Blue w/Green Stripe
				38	Orange w/Green Stripe

1-800-945-5542

WWW.PRIORITYWIRE.COM

Premise Jacket Color Code Guide

Fiber Optic Color Code for Jackets (TIA-598)

	OM3/OM4 Interconnect series, riser, plenum and LSZH
	MMF - 62.5/50µm, OM1/OM2+ Interconnect series, riser, plenum and LSZH
	Single-Mode including Bend-Insensitive Fiber Interconnect series, riser, plenum and LSZH
	Hybrid Indoor-Outdoor Cables and Outside Plant Cable All Fiber Types

Fiber Specifications					
Fiber Class	Fiber Type	1 GbE Max. Distance 850nm / 1300nm	10 GbE Max. Distance 850nm / 1300nm	Bandwidth MHz-hm (OFL) 850nm / 1300nm	Indoor Cable Jacket Color
62.5 µm 200/500 MHz·km	OM1	275m/550m	36m/300m	200/500	
50 µm 700/500 MHz·km	OM2	550m/550m	82m/300m	1500/500	
50 µm 300	OM3	1000m/550m	300m/300m	1500/500	
50 µm 550	OM4	1100m/550m	550m/300m	3500/500	
Single-Mode	OS1 & OS2	5-40km @ 1310nm	10km @ 1310nm 40km @ 1550nm	N/A	
Bend-Insensitive Single-Mode Fiber	OS2	5-40km @ 1310nm	10km @ 1310nm 40km @ 1550nm	N/A	

1-800-945-5542

M-LIT-FIBER CABLE • Aug 2023

WWW.PRIORITYWIRE.COM

© DRAKA & PRYSMIAN - Brands of The Prysmian Group. 2021 All Right Reserved. The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. The information is believed correct at the time of issue. Prysmian Group reserves the right to amend any specifications without notice. These specifications are not contractually valid unless specifically authorized by Prysmian Group. Issued January 2021.