

ADDITIONAL FIBER CODES FOR USE WHEN ORDERING PRYSMIAN CABLES

The Prysmian 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 ESMF 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

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)				
B1 = Bend-Insensitive Single-Mode (ITU G.657.A1 & G.652.D)				
B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & .B2, & G.652.D)				
B1 = Bend-Insensitive Single-Mode (ITU G.657.A1 & G.652.D)				
B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & G.652.D)				
B3 = Bend-Insensitive Single-Mode (ITU G.657.B3 & 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)				
BX = BendBrightXS™ Single-Mode (ITU G.657.A2 & .B2 & G.652.D)				
BE = BendBright™ Elite Single-Mode (ITU G.657.B3 & G.652.D)				
21 = 200µm Bend-Insensitive Single-Mode (ITU G.657.A1 & G.652.D)				
22 = 200µm Bend-Insensitive Single-Mode (ITU G.657.A2 & G.652.D)				
2D = 200µm BendBright(TM) Single-Mode (ITU G.657.A1 & G.652.D)				
2X = 200µm BendBright(TM) XS Single-Mode (ITU G.657.A2 & G.652.D)				
MULTIMODE				
	Wavelength (nm)	Bandwidth (MHz)	1 GbE Dist (m)	10 GbE Dist (m)
G6 = OM1 (62.5µm)	850/1300	200/500	300/550	___/___
6S = OM1 Draka (62.5µm)	850/1300	200/500	300/550	33/___
G5 = OM2+ BIF (50µm)	850/1300	700/500	800	150/___
G3 = OM3 BIF (50µm)	850/1300	1500/500	1000	300/___
G4 = OM4 BIF (50µm)	850/1300	3500/500	1100	550/___
GW = OM5 (50um)	850/1300	3500/500	1100	550/___

FIBER INFORMATION		
7	FIBER GRADE	
SINGLE-MODE Tight Buffer (TB)		
Attenuation (dB/km)	Wavelength (nm)	Fiber Type
E1 = 0.40/0.40/0.40	1310/1383/1550	All
E3 = 0.35/0.35/0.2	1310/1383/1550	All
EB = 0.70/0.70/0.70	1310/1383/1550	All
EB = 0.7/0.7/0.7 for tight buffer products	1310/1383/1550	All
EA = 0.5/0.5/0.5 for tight buffer products or IC ribbon	1310/1383/1550	All
E7 = 0.40/0.40/0.30	1310/1383/1550	B1, B2, B3, BB, BE, BU, BX, DB, 21, 22,, 2D, 2X
MULTIMODE		
Attenuation (dB/km)	Wavelength (nm)	Fiber Type
M2 = 3.5/1.0	850/1300	2.5µm
M3 = 3.0/1.0	850/1300	62.5µm or all 50µm

NOTE: 1383 nm attenuation specified as un-cabled fiber post hydrogen aging