Prysmian Group

PRYSMIAN Draka

Fiber Code Addendum

ADDITIONAL FIBER CODES FOR USE WHEN ORDERING PRYSMIAN CABLES

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 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	ES	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)
CE = Single-Mode Corning™ SMF28e+
SC = 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 & 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)
CU = Corning™ Ultra 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)
CY = ClearCurve® LBL (ITU G.657.A2 & G.652.D)
CZ = ClearCurve® ZBL (ITU G.657.B3 & G.652.D)
TU = TeraLight™ Ultra Single-Mode (ITU G.655 & G.656)
LE = LEAF NZDSF (ITU.G655)

MULTIMODE	Wavelength (nm)	Bandwidth (MHz)	1 GbE Dist (m)	10 GbE Dist (m)
G6 = OM1 (62.5µm)	850/1300	200/500	300/500	--/--
C1 = OM1 Infincore (62.5µm)	850/1300	200/500	300/500	--/--
6S = OM1 Draka (62.5µm)	850/1300	200/500	300/550	33/--
G5 = OM2 (50µm) BIF	850/1300	700/500	750/---	150/---
G3= OM3 (50µm) BIF	850/1300	1500/500	1000/---	300/---
G4 = OM4 (50µm) BIF	850/1300	3500/500	1100/---	550/---
C2 = OM2 ClearCurve™ (50µm)	850/1300	700/500	750/---	150/---
C3 = OM3 ClearCurve™ (50µm)	850/1300	1500/500	1000/---	300/---
C4 = OM4 ClearCurve™ (50µm)	850/1300	3500/500	1100/---	550/---
5E = MaxCap-BB-OM2+ (50µm)	850/1300	700/500	800/550	150/---
5F = MaxCap-BB-OM3 (50µm)	850/1300	1500/500	1000/550	300/---
5G = MaxCap-BB-OM4 (50µm)	850/1300	3500/500	1100/550	550/---

7 FIBER GRADE

SINGLE-MODE Attenuation (dB/km)	Wavelength (nm)*	Fiber Type
E1 = 0.40/0.40/0.30	1310/1383/1550	All but TU & LE
E3 = 0.35/0.35/0.25	1310/1383/1550	All but TU & LE
NA = 0.40/0.25	1310/1550	TU
N1 = 0.25	1550	TU or LE
EB = 0.7/0.7/0.7 for tight buffer products	1310/1383/1550	All but TU & LE
EA = 0.5/0.5/0.5 for tight buffer products or IC ribbon	1310/1383/1550	All but TU & LE
E7 = 0.4/0.4/0.3 for tight buffer products	1310/1383/1550	B2, BX, CY, B3, BE, or CZ
MULTIMODE Attenuation (dB/km)	**Wavelength (nm)**	**Fiber Type**
M2 = 3.5/1.0	850/1300	62.5µm
M3 = 3.0/1.0	850/1300	62.5µm or all 50µm

* 1383 nm attenuation specified as un-cabled fiber post hydrogen aging.

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