

 (3.2p) G-Series Subgrouping – Plenum Rated Cables

Cable Characteristics:
G-Series Subgrouping Plenum Cable with 6-Fiber Subcables (4.5mm subcables)

FIBER COUNT	DIAMETER MM (IN)	WEIGHT KG/KM (LBS/1,000')	TENSILE LOAD		MINIMUM BEND RADIUS	
			INSTALLATION N (LBS)	OPERATIONAL N (LBS)	INSTALLATION CM (IN)	LONG-TERM CM (IN)
12	14.1 (0.56)	217 (146)	3,800 (850)	1,200 (270)	21.2 (8.3)	21.2 (8.3)
18	14.1 (0.56)	211 (142)	4,700 (1,060)	1,500 (340)	21.2 (8.3)	21.2 (8.3)
24	14.1 (0.56)	206 (138)	5,600 (1,260)	1,800 (400)	21.2 (8.3)	21.2 (8.3)
30	14.7 (0.58)	243 (163)	7,500 (1,690)	2,400 (540)	22.1 (8.7)	22.1 (8.7)
36	16.1 (0.63)	262 (176)	8,900 (2,000)	2,850 (640)	24.2 (9.5)	24.2 (9.5)

G-Series Subgrouping Plenum Cable with 12-Fiber Subcables (5.5mm subcables)

FIBER COUNT	DIAMETER MM (IN)	WEIGHT KG/KM (LBS/1,000')	TENSILE LOAD		MINIMUM BEND RADIUS	
			INSTALLATION N (LBS)	OPERATIONAL N (LBS)	INSTALLATION CM (IN)	LONG-TERM CM (IN)
24	15.4 (0.61)	273 (183)	4,600 (1,030)	1,500 (340)	23.2 (9.1)	23.2 (9.1)
36	15.4 (0.61)	263 (177)	5,900 (1,330)	1,950 (440)	23.2 (9.1)	23.2 (9.1)
48	15.4 (0.61)	254 (170)	7,200 (1,620)	2,400 (540)	23.2 (9.1)	23.2 (9.1)
60	16.9 (0.67)	293 (197)	9,500 (2,140)	3,150 (710)	25.4 (10.0)	25.4 (10.0)
72	18.4 (0.72)	317 (213)	11,300 (2,540)	3,750 (840)	27.6 (10.9)	27.6 (10.9)

Installation loads in excess of 2,700 N (600 lbs.) are not recommended.
Other fiber counts available upon request.

Ordering Information

Digit No:	1	2	3	4	5	6	7	8	9	10	11	12
	G								9			P
1	Subgrouping Series Ultra-Fox = G											
2	6-fiber subcables = B ; 12-fiber subcables = X											
3 – 5	Fiber count: 6-fiber subcables = 012–036 , 12-fiber subcables = 024–072											
6	Jacket type: Indoor/Outdoor Fluoropolymer (12–72 fiber) = K , (84–144 fiber) = W											
7 – 9	Fiber type: (see Laser Ultra-Fox Fiber Performance Table, p. 23)											
10	Ultra-Fox fiber with 900µm tight-buffer = 9											
11	Standard jacket colors:											
	62.5µm multimode (WLS, WLX): Orange = O											
	50µm multimode (ALS, ALX): Orange = O											
	50µm 10 Gigabit multimode (ALT, ALE): Aqua = Q											
	Single-mode: Yellow = Y											
12	Rating: Plenum = P											

Example: 48-fiber cable (12-fiber subcables) using 62.5µm standard Laser Ultra-Fox fiber, orange jacket –

G X 0 4 8 K W L S 9 O P