



- UV Resistant PU Thermoplastic Black Jacket
- Aramid Strength Member
- Thermoplastic Tight Buffer

Temperature Range	
Operating	-46°C to +85°C
Storage	-55°C to +85°C
Installation	-46°C to +85°C

Standards:

- TIA/EIA-568.3-D
- ICEA S-104-696
- ROHS II 2011/65/EU
- REACH EC1907-2006

Glass Type	Fiber Grade Code (*)	Jacket	Operating Wavelength (nm)	Max Attenuation (dB/km)	Min. OFL Bandwidth (MHz-km)	Min. Laser Bandwidth (MHz-km)	1 Gigabit Ethernet Min. Link Length (meters)	10 Gigabit Ethernet Min. Link Length (meters)
OS2 - Single Mode	S	Black	1310/1550	0.8/0.5	-	-	5000/-	10,000/40,000
OM1 - 62.5/125µm Multi-Mode	1	Black	850/1300	3.50/1.25	200/500	220/-	275/550	33/-

Single Jacket All Dielectric

Fiber Count	Part Number Substitute (*) with Fiber Grade Code	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Install Load lbf (N)	Max. Long Term Load lbf (N)	Min. Bend Radius Load	Min. Long Term Bend Radius
2	FN*D002N9	0.240 (6.1)	22 (33)	400 (1780)	130 (578)	15x Cable OD	8x Cable OD
4	FN*D004N9	0.240 (6.1)	22 (33)	400 (1780)	130 (578)	15x Cable OD	8x Cable OD
6	FN*D006N9	0.240 (6.1)	23 (34)	400 (1780)	130 (578)	15x Cable OD	8x Cable OD
8	FN*D008N9	0.240 (6.1)	23 (34)	400 (1780)	130 (578)	15x Cable OD	8x Cable OD
12	FN*D012N9	0.275 (7.0)	28 (42)	470 (2090)	160 (712)	15x Cable OD	8x Cable OD
24	FN*D024N9	0.330 (8.4)	39 (58)	670 (2980)	200 (979)	15x Cable OD	8x Cable OD