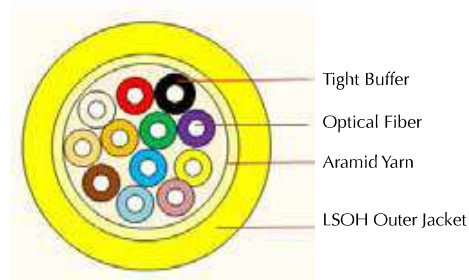


Tight Tube Non-Metallic Cable - Indoor



Alston Systems Indoor type tight coated optical cables are applied to indoor installations. These types of cables are designed for indoor applications and also to protect the optical fiber from unexpected mechanical, environmental and rodent conditions. Qualification and acceptance tests are performed to assure the optical cable's performance and durability in several environments.

Features / Benefits

- Indoor and Fiber counts up to 12
- Cable Type – OS2/OM1/OM2/OM3/OM4
- Unitube w/glass yarn or Aramid Yarn strength member, LSOH
- Light weight
- High tensile strength design
- Completely dry core design
- Small diameter
- Colored fiber for quick identification

Applications

- Building interconnection
- Campus
- Local Area Network

Identification of Optical Fiber and Loose Tube

No	1	2	3	4	5	6	7	8	9	10	11	12
Fiber	Blue	Orange	Green	Red	Yellow	Violet	Brown	Black	White	Grey	Turquoise	Pink

Mechanical & Environmental Characteristics

Tensile Strength (IEC 60794-1-2-E1)	Max – 1000N, Opr – 600N
Bending Radius(mm) (IEC 60794-1-2-E11)	Dynamic - 20xD, Static - 10xD
Crush Resistance (IEC 60794-1-2-E3)	500N
Impact Resistance (IEC 60794-1-2-E4)	50N
Operation Temperature (IEC 60794-1-2-F1)	Installing -30 +60 (°C), Operating -40 +80 (°C)
Water Penetration (IEC 60794-1-2 F5)	24 hour, 1 meter No leakage

ORDERING INFORMATION

NO OF FIBERS	9/125(OS2)	62.5/125 (OM1)	50/125 (OM2)	50/125 (OM3)	50/125 (OM4)
4	50311048	50331048	50321048	50341048	50351048
6	50311068	50331068	50321068	50341068	50351068
8	50311088	50331088	50321088	50341088	50351088
12	50311128	50331128	50321128	50341128	50351128