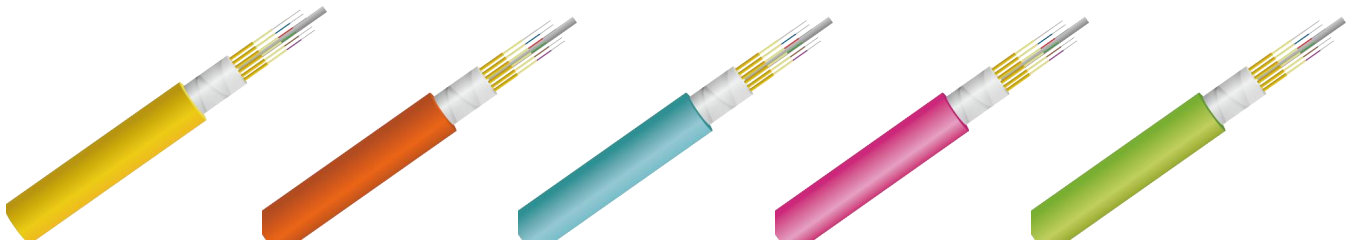
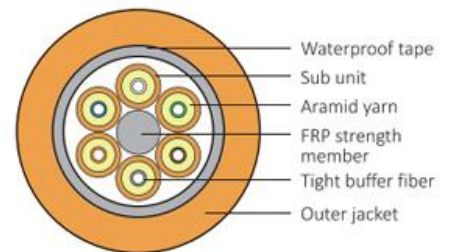




## Breakout Indoor Fiber Cable

Abalone Tech's Breakout Indoor Fiber Cable is a rugged, multi-fiber cable designed for indoor use, where individual fibers need to be easily accessed and terminated. Unlike tight-buffered or distribution-style cables, breakout cables consist of multiple subunits, each containing one or more fibers with their own protective jackets. These subunits are bundled together within an outer sheath, providing flexibility and ease of installation in environments where fibers are routed to different locations.



### FEATURES

- ✓ Contains multiple individually jacketed fibers (often 2–12 fibers) bundled together
- ✓ Each fiber has its own tight buffer coating and strength member (aramid yarn), making it resistant to bending and crushing
- ✓ Subunits can be easily separated and terminated without needing a breakout box or furcation kit
- ✓ Suitable for vertical risers, tight spaces, and patch panels
- ✓ Available in Single-mode (OS2) or Multimode (OM1/OM2/OM3/OM4/OM5) fibers

### APPLICATIONS

- ✓ Data Centers
- ✓ LAN/WAN Networks
- ✓ Security Systems
- ✓ Telecommunications
- ✓ Industrial Networks

## SPECIFICATIONS

Item		Parameter						
FiberCore		4	6	8	12	24	48	60
CableDiameter(mm)		7.5	8.5	9.5	12.0	14.5	19.5	22.0
Tensile Strength Horizontal(N)	Short-term	400	800	660	1000	1800	3000	3600
	Long-term	200	400	330	500	900	1500	1800
Tensile Strength Vertical(N)	Short-term	450	650	850	1400	2400	4500	1000
	Long-term	210	320	420	700	1200	2250	500
CrushResistance (N/100mm)	Short-term	1000						
	Long-term	500						
MinimumBend Radius(mm)	Dynamic	20D						
	Static	10D						
MaxAttenuation (dB/km)	G.652(1310nm/1550nm)	0.4/0.3						
	G.657(1310nm/1550nm)	0.4/0.3						
	62.5μm(850nm/1300nm)	3.5/1.5						
	50μm(850nm/1300nm)	3.5/1.5						
	50μm(850nm/953nm)	3.0/2.4						
TypicalValue (dB/km)	G.652(1310nm/1550nm)	0.36/0.22						
	G.657(1310nm/1550nm)	0.36/0.22						
	62.5μm(850nm/1300nm)	3.0/1.0						
	50μm(850nm/1300nm)	3.0/1.0						
	50μm(850nm/953nm)	2.6/1.9						
OperationTemperature(°C)		-20~+70						

