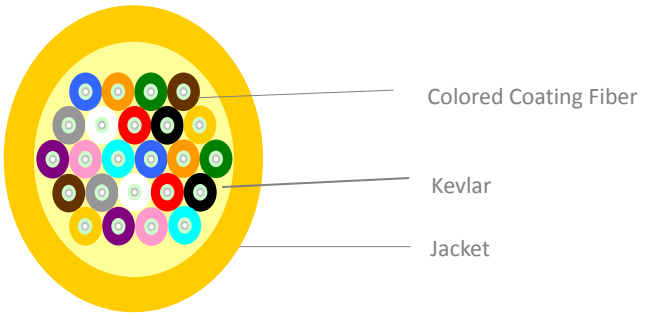
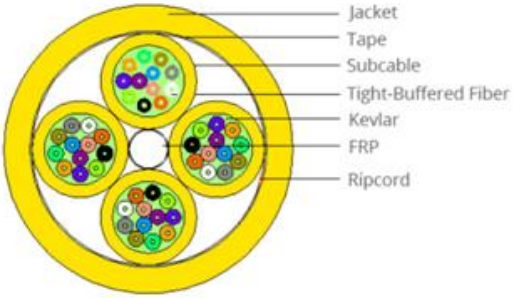
Indoor Fiber Distribution Cable

Distribution cable is tight buffered and no electrical conductive components design to be installed in intra-building backbone for fast installation and easy termination without expensive transitions between cable types.

It is an ideal configuration for a single termination point requiring multiple fibers.

Cable Structure





		50/125μm	62.5/125μm	G652	G655
Attenuation(+20°C)	@850nm	≤3.5dB/km	≤3.5dB/km		
	@1300nm	≤1.5 dB/km	≤1.5 dB/km		
	@1310nm			≤0.45Db/km	≤0.50Db/km
	@1550nm			≤0.30Db/km	≤0.50Db/km
Bandwidth(ClassA)	@850nm	≥500Mhz·km	≥200Mhz·km		
	@1300nm	≥1000Mhz·km	≥600Mhz·km		
	0.200±0.015NA	0.275±0.015NA			
Numerical Aperture				≤1260nm	≤1480nm
Cable Cut-off Wavelength λcc Attenuation at temperature cycling α(-20°C~+85°C)	@1300nm	≤0.25dB/km	≤0.25dB/km		
	@1550nm			≤0.10dB/km	≤0.10dB/km

Cable Parameters

Items		Specifications
Fiber Count		4,6, 8, 12, 24, 48, 96, 144
Colored Coating Fiber	Dimension	250±15μm
	Color	All chromatography
Jacket	Material	PVC, LSZH, OFNP
	Color	Yellow

Mechanical Characteristics

Tensile Strength	Long Term	80N	60	50
	Short Term	150N	120	100
Crush Resistance	Long Term	100N/100mm	100N/100mm	100N/100mm
	Short Term	500N/100mm	500N/100mm	500N/100mm
Bending Radius	Dynamic	20XD	20XD	20XD
	Static	10XD	10XD	10XD