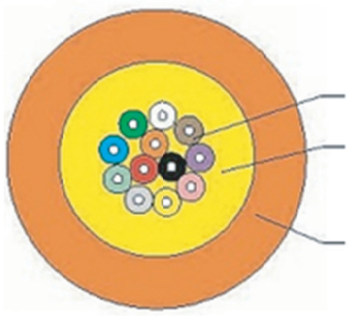
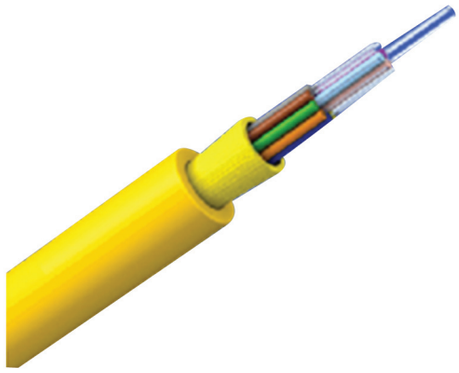
CONNECSYS Indoor Fiber Optic Cable

Description

CONNECSYS indoor multi-purpose distribution fiber optic cable use several ϕ 900 µm flame-retardant tight buffer fiber as optical communication medium. The tight buffer fibers were wrapped with a layer of aramid yarn as strength member units, and the cable is completed with a Polyvinyl Chloride (PVC) or LSZH (Low Smoke, Zero Halogen, Flame Retardant) jacket.





Suitable Applications	Multi optical fiber jumper, Indoor any purpose cable distribution.

Physical Characteristics	
Optical Fiber Count	2 – 12 cores
Optical Fiber Type	Multimode 62.5/125 µm OM1; Multimode 50/125 µm OM2; Multimode 50/125 µm OM3; Singlemode 9/125 µm.
Tight Buffer Fiber Diameter	900 ± 50 µm
Sheath Material	Polyvinyl Chloride (PVC) / Low Smoke, Zero Halogen (LSZH)
Cable Diameter Polyvinyl Chloride (PVC) Low Smoke, Zero Halogen (LSZH)	 4.1 ± 0.25 mm - 6.2 ± 0.25 mm 3.2 ± 0.25 mm - 6.2 ± 0.25 mm
Compliances	YD/T 1258.4-2005, ICEA 596, GR-409, IEC 60794-2-20/21
Mechanical Characteristics	
Tensile Strength Short Term Long Term	 660 N 200 N
Crush Resistance Short Term Long Term	 1000 N/100mm 300 N/100mm
Bending Radius Dynamic Static	 20 times of Cable Outer Diameter 10 times of Cable Outer Diameter
Environmental Characteristics	
Temperature Transportation/Storage/Operation Installation	 -20°C to +60°C -5°C to +50°C

Note – this tech data is subject to change without notice.